

Fig. 1

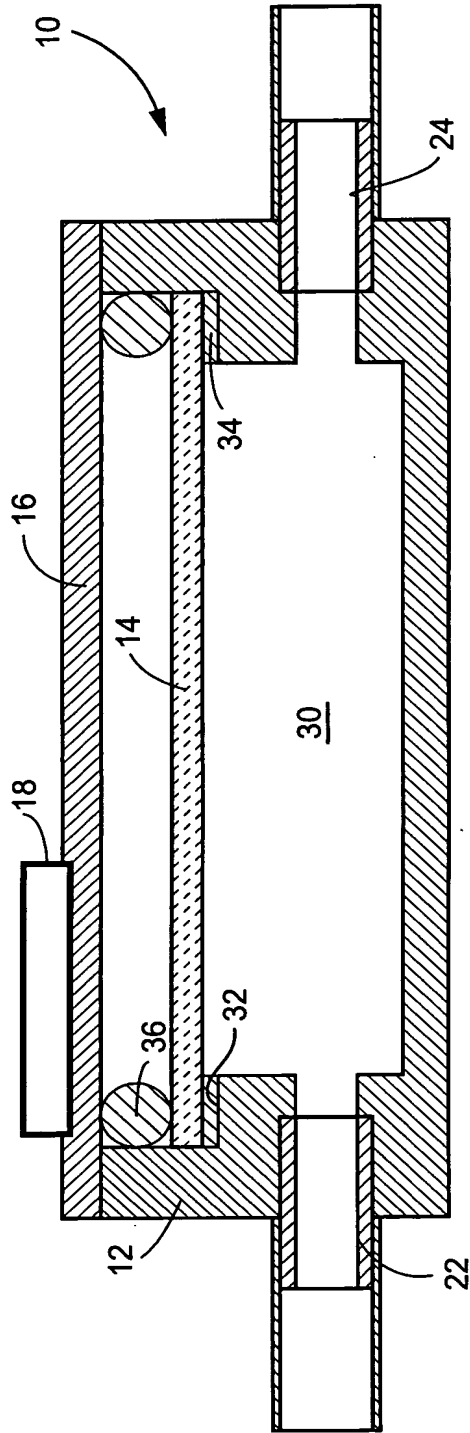


Fig. 2

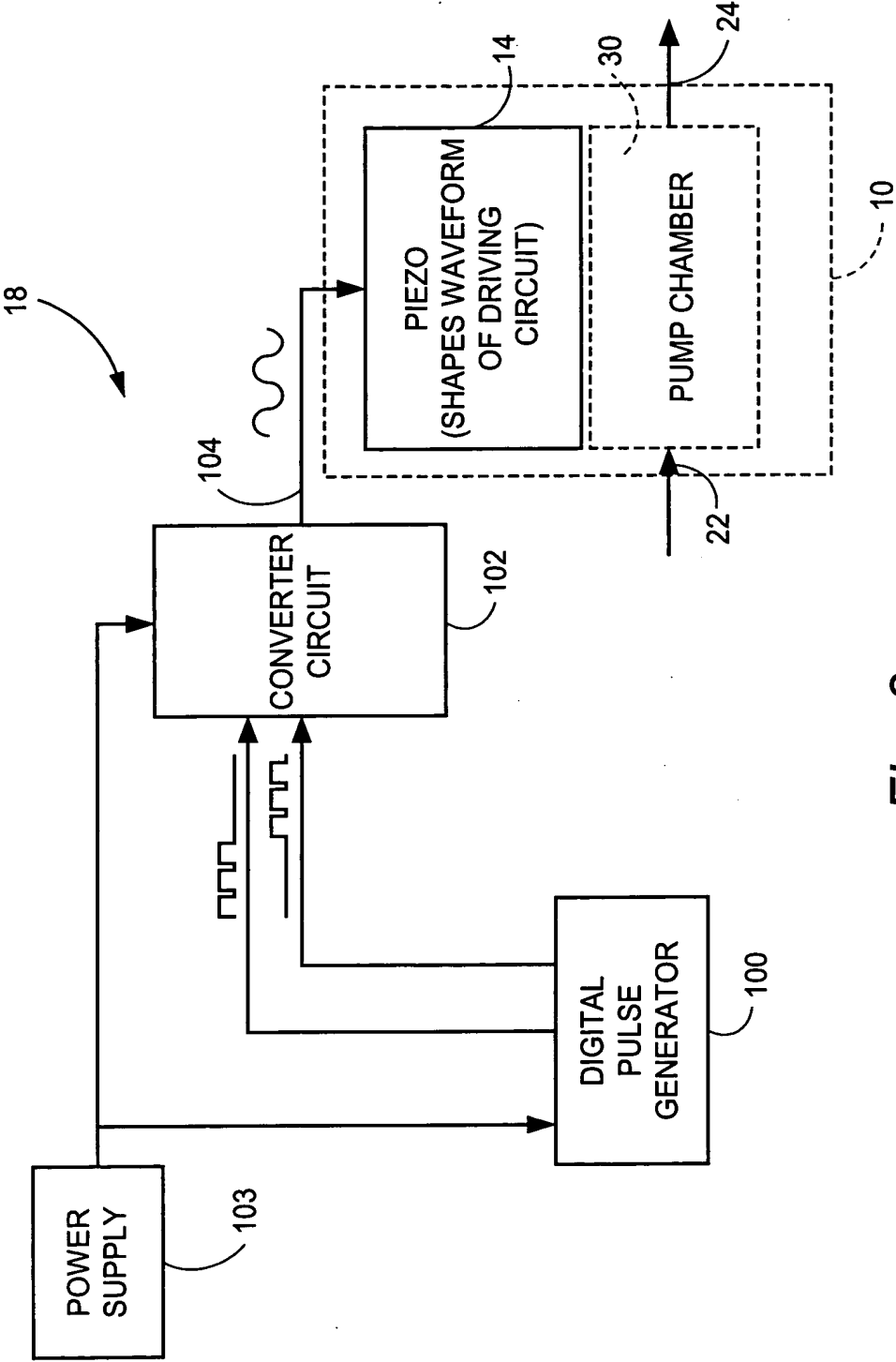


Fig. 3

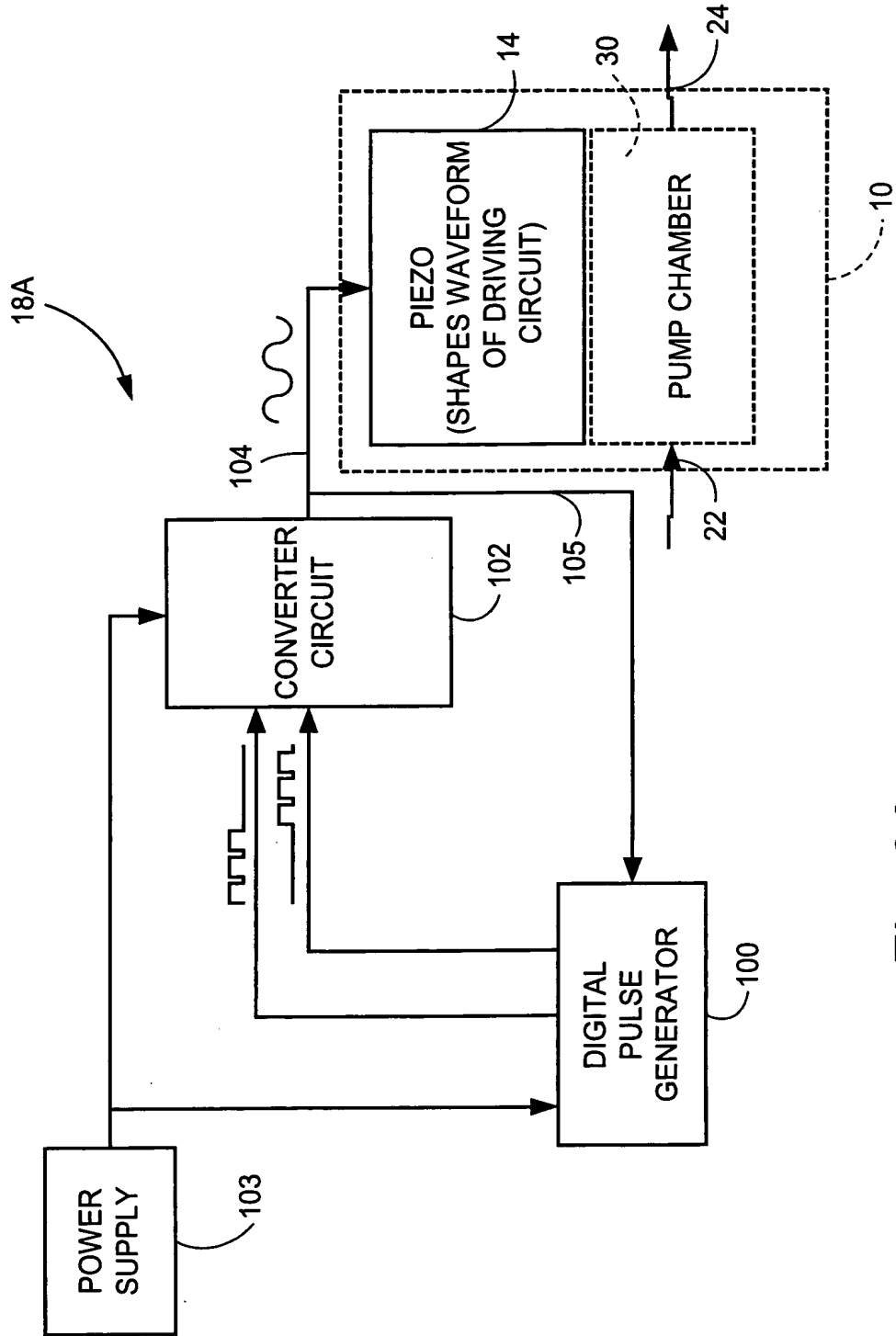


Fig. 3A

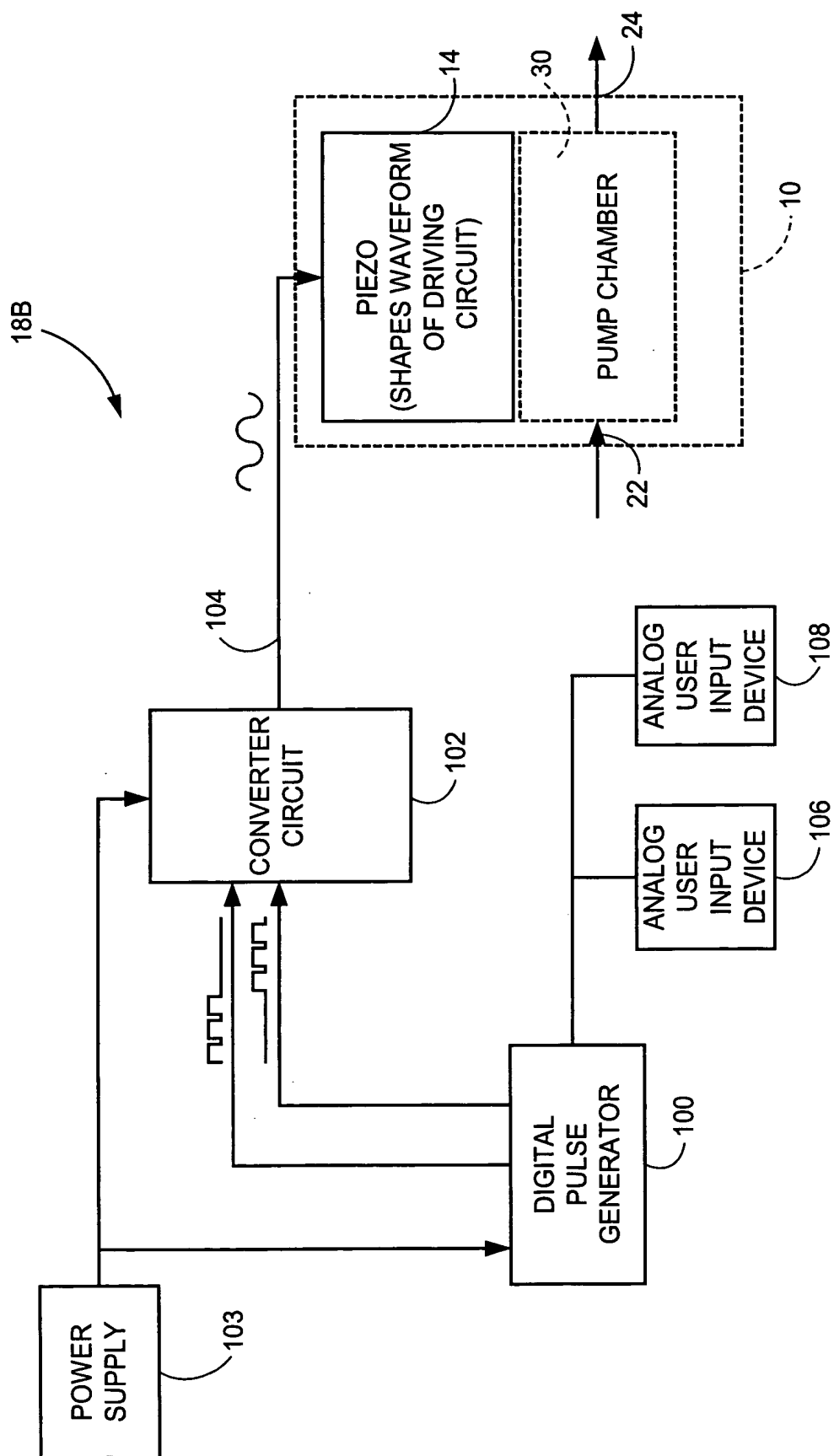


Fig. 3B

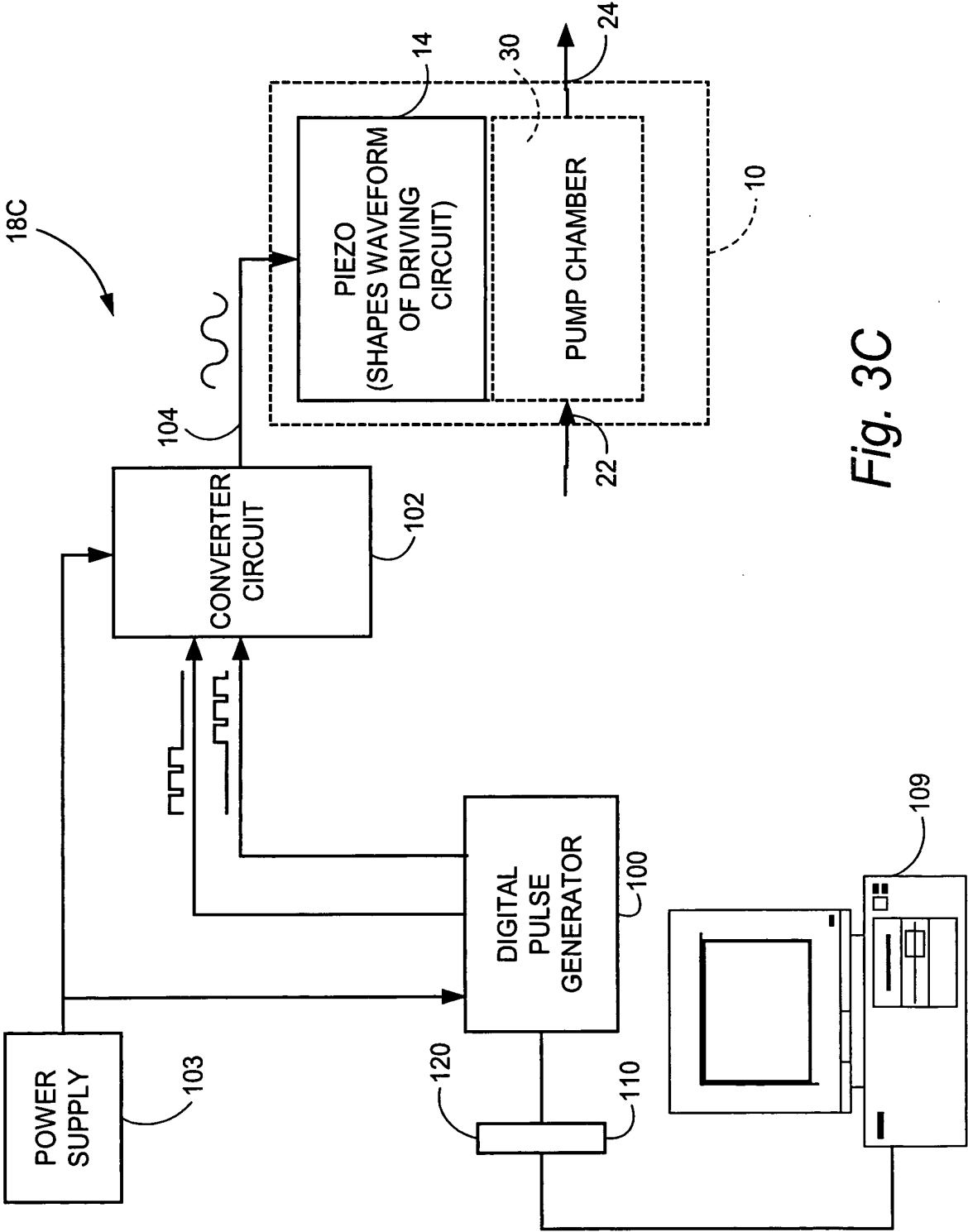


Fig. 3C

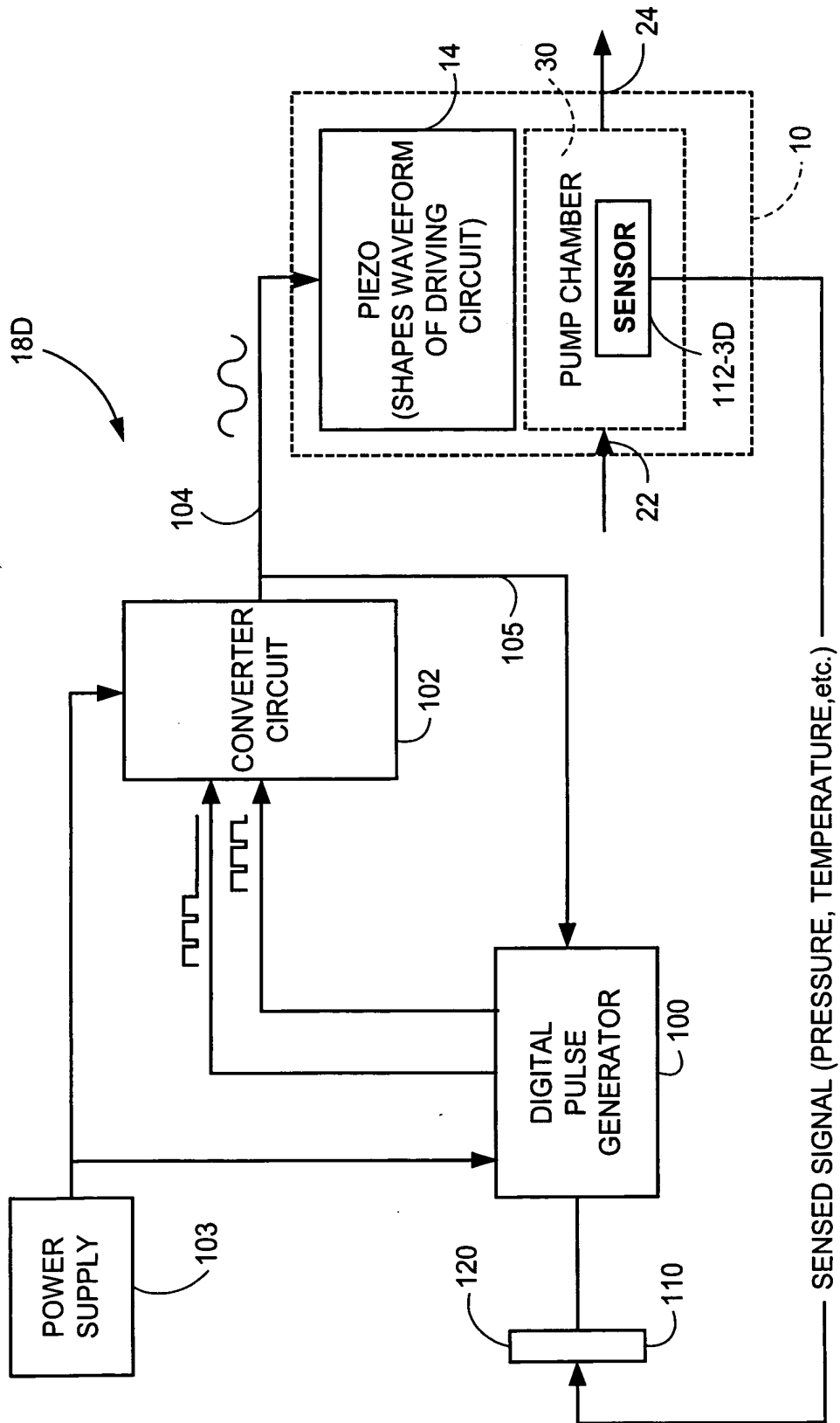
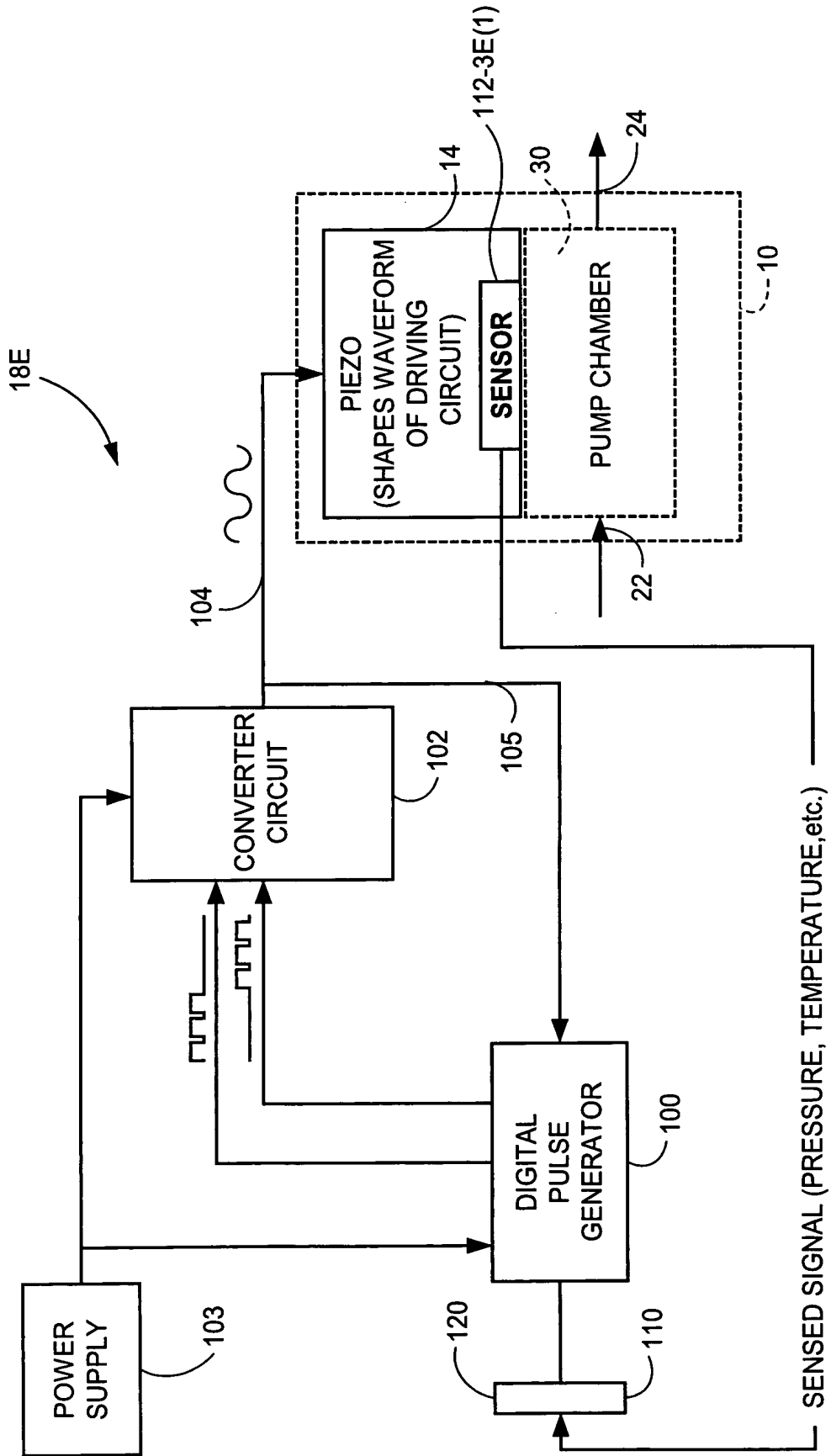


Fig. 3D

*Fig. 3E(1)*



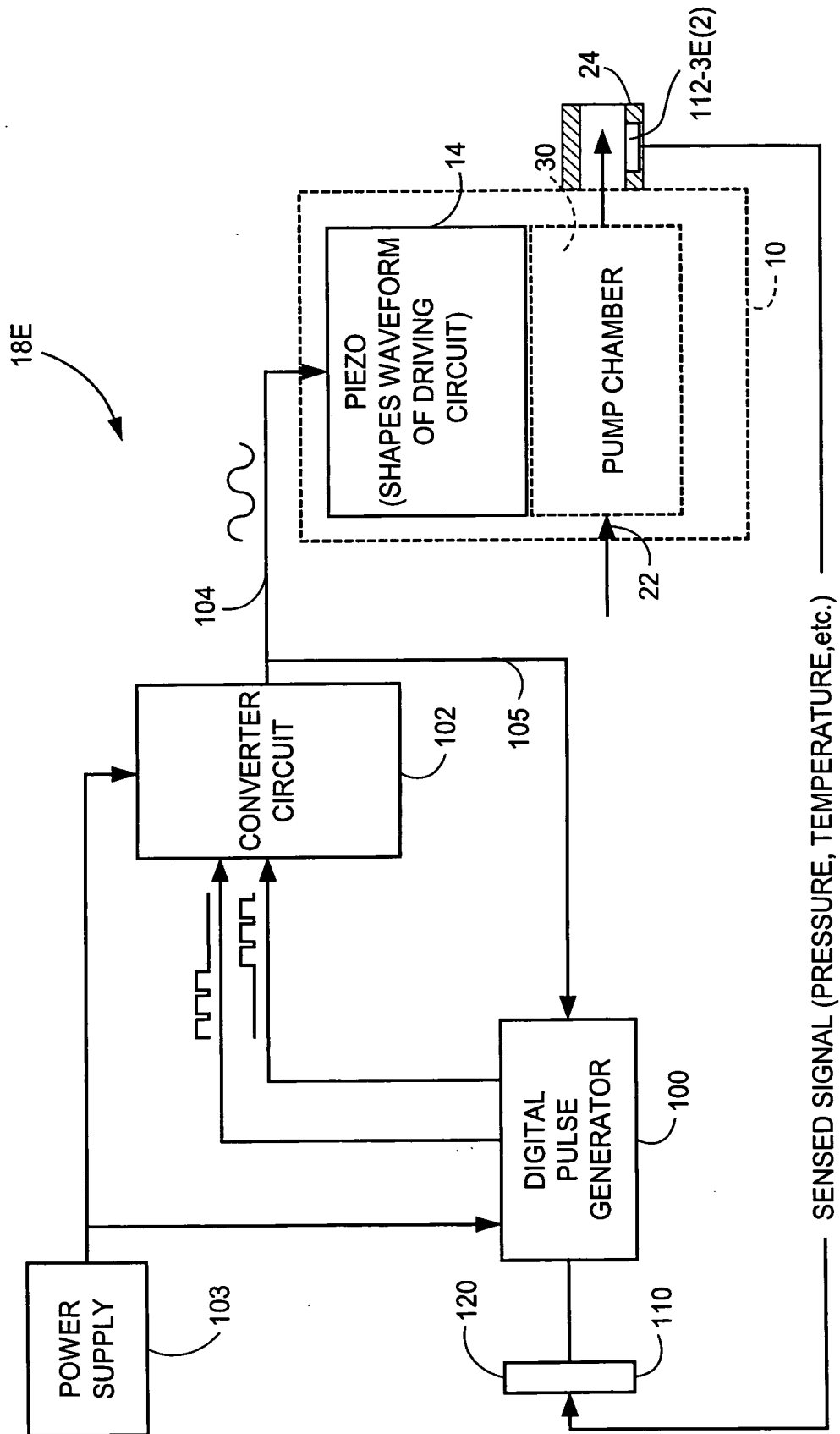


Fig. 3E(2)

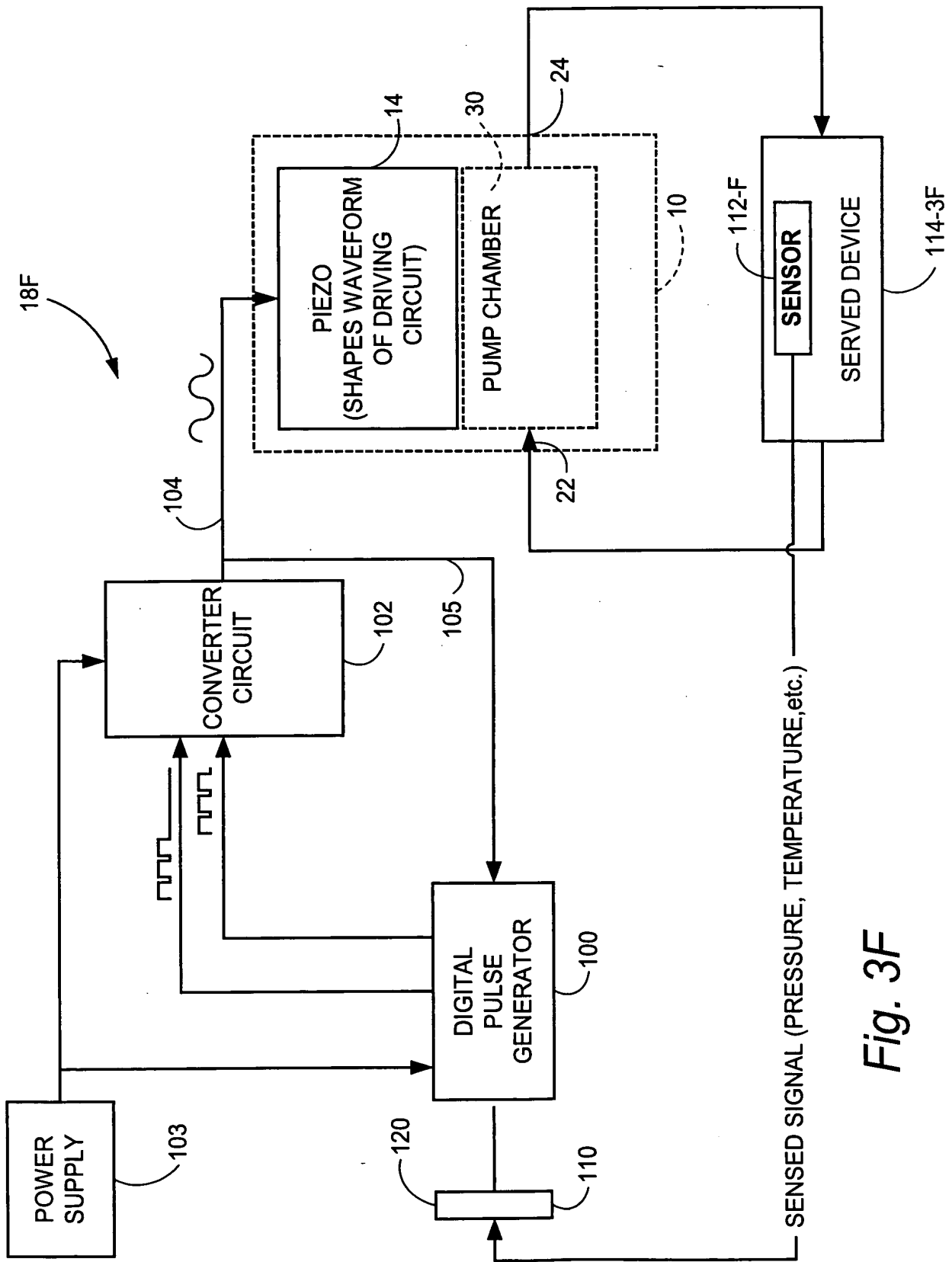


Fig. 3F

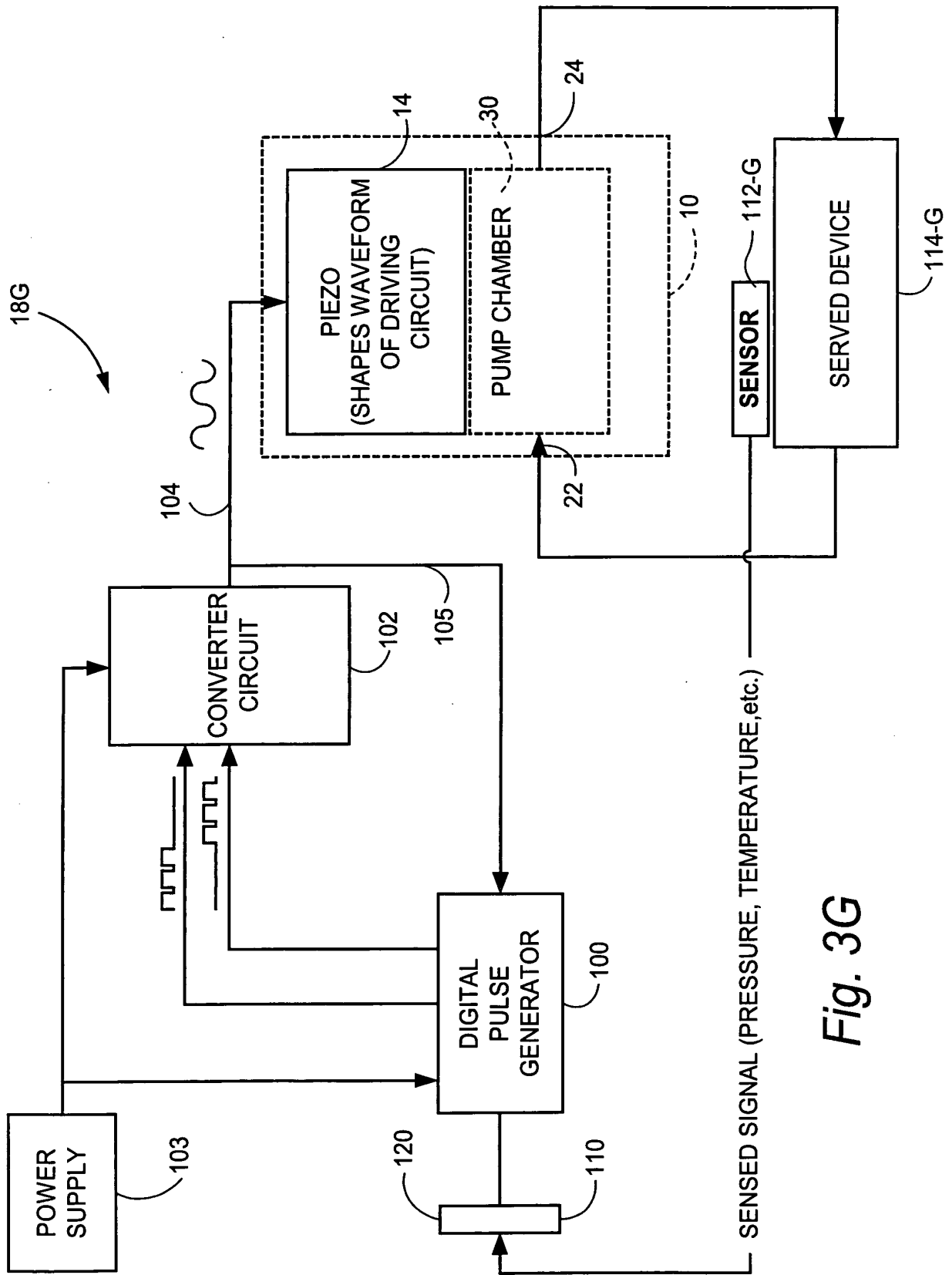


Fig. 3G

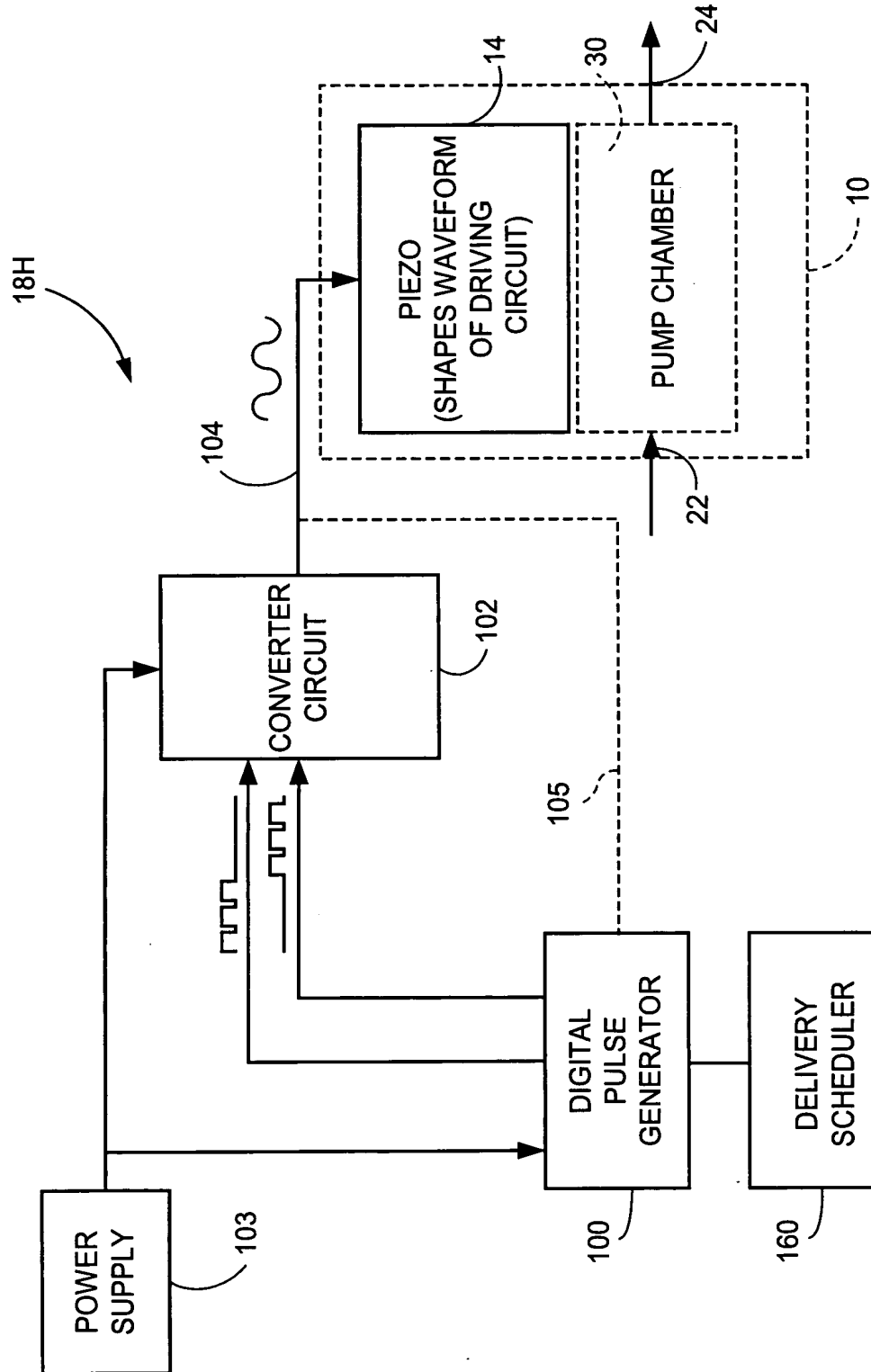


Fig. 3H(1)

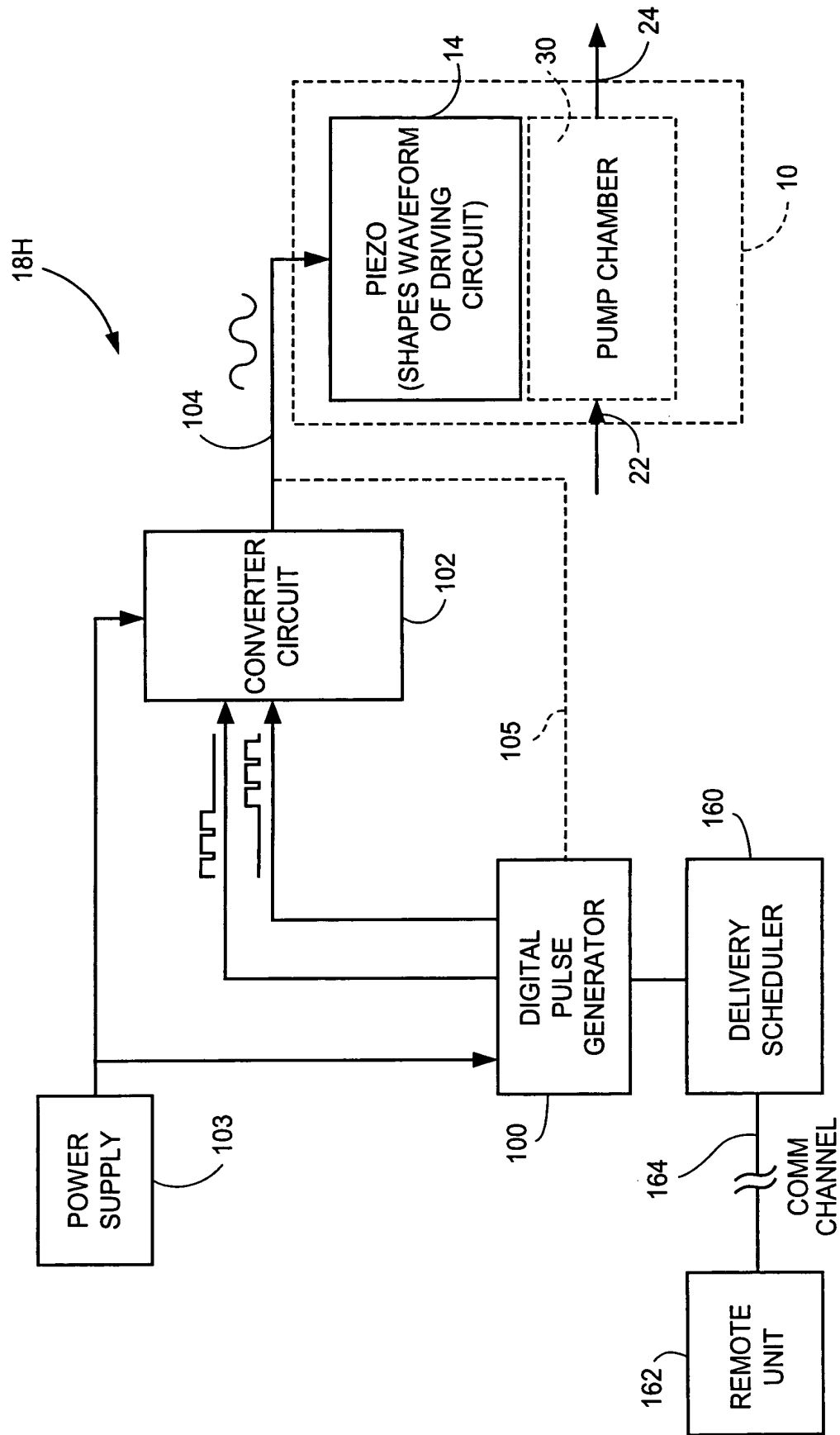


Fig. 3H(2)

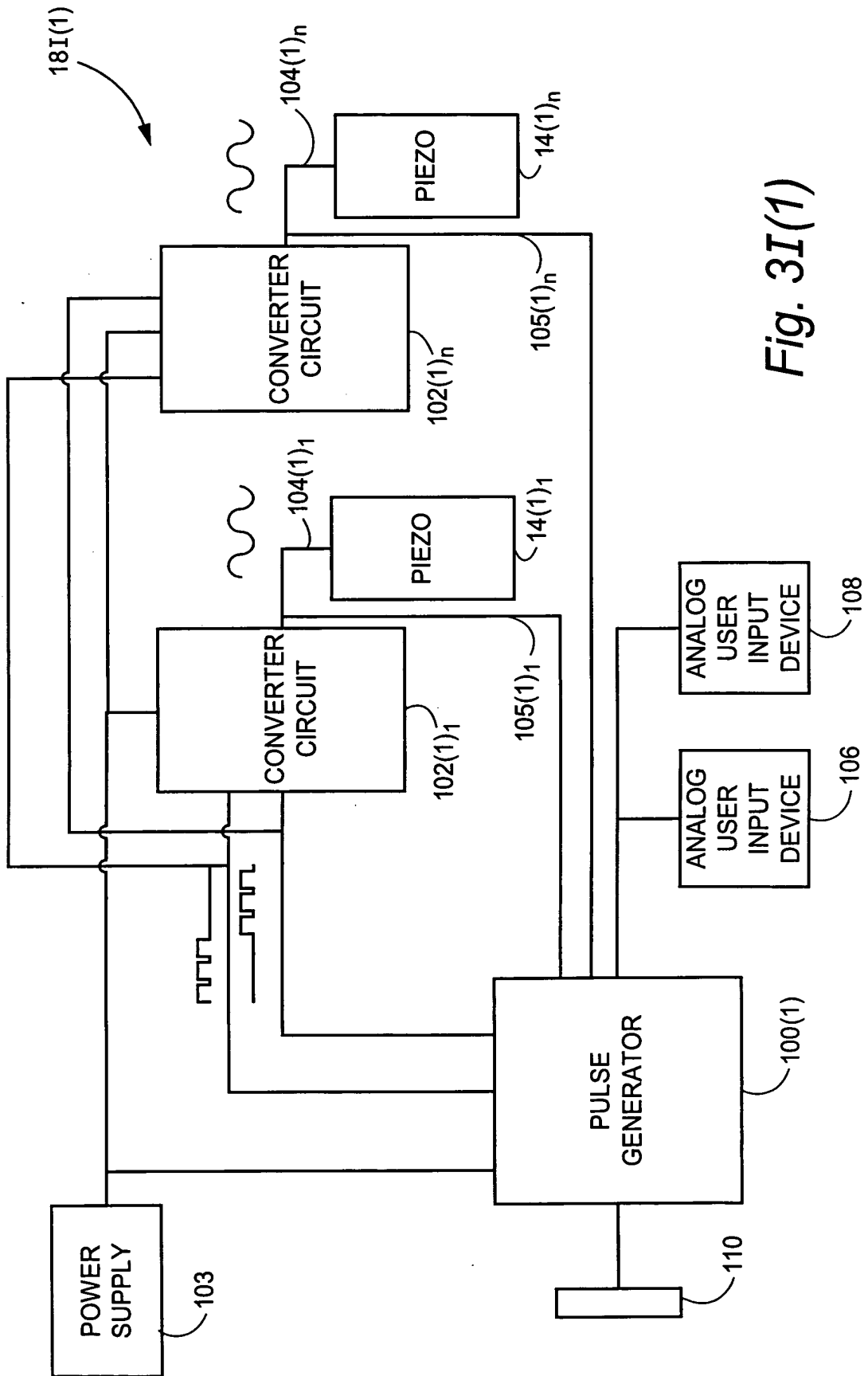


Fig. 3I(1)

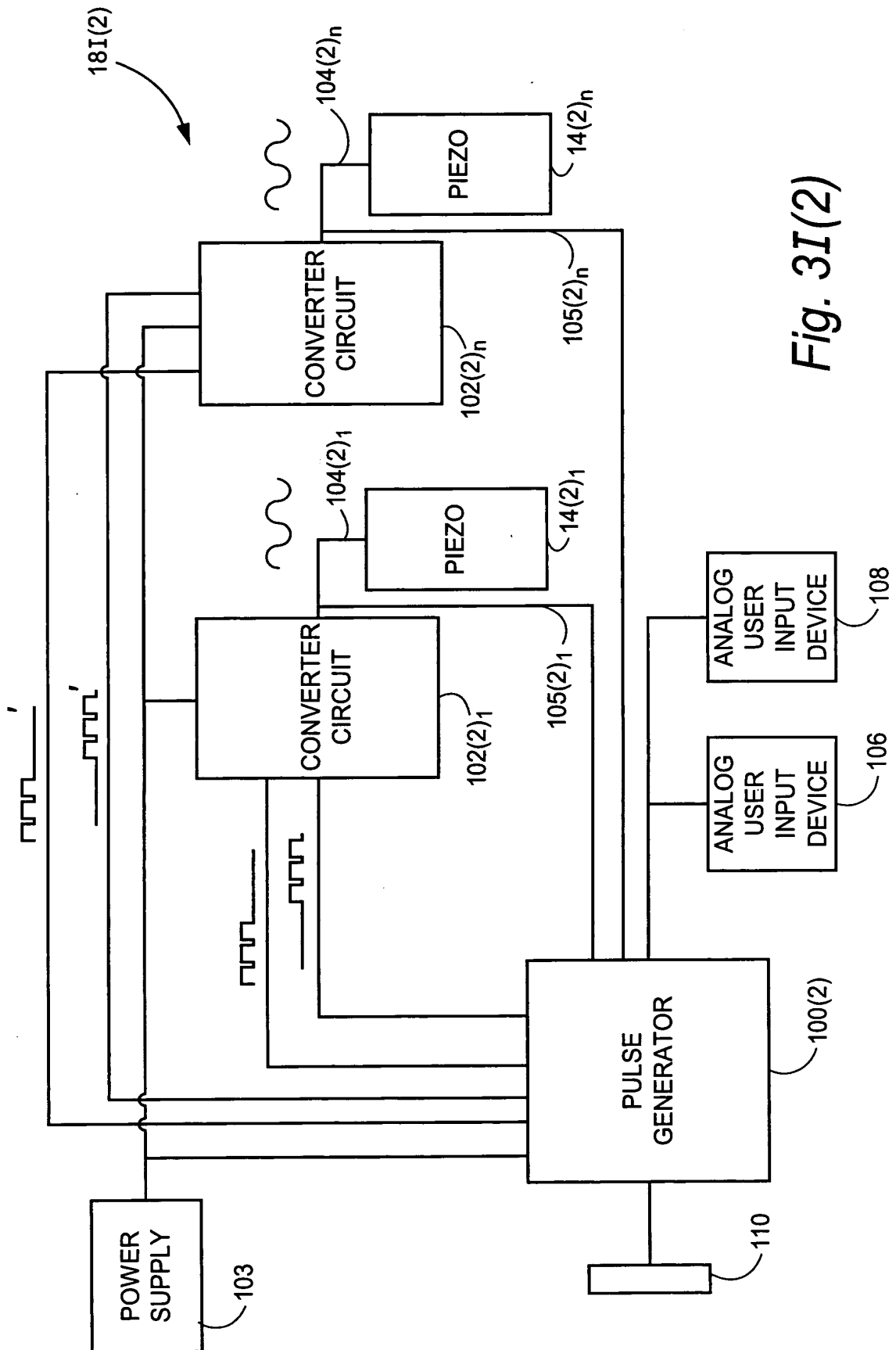


Fig. 3I(2)

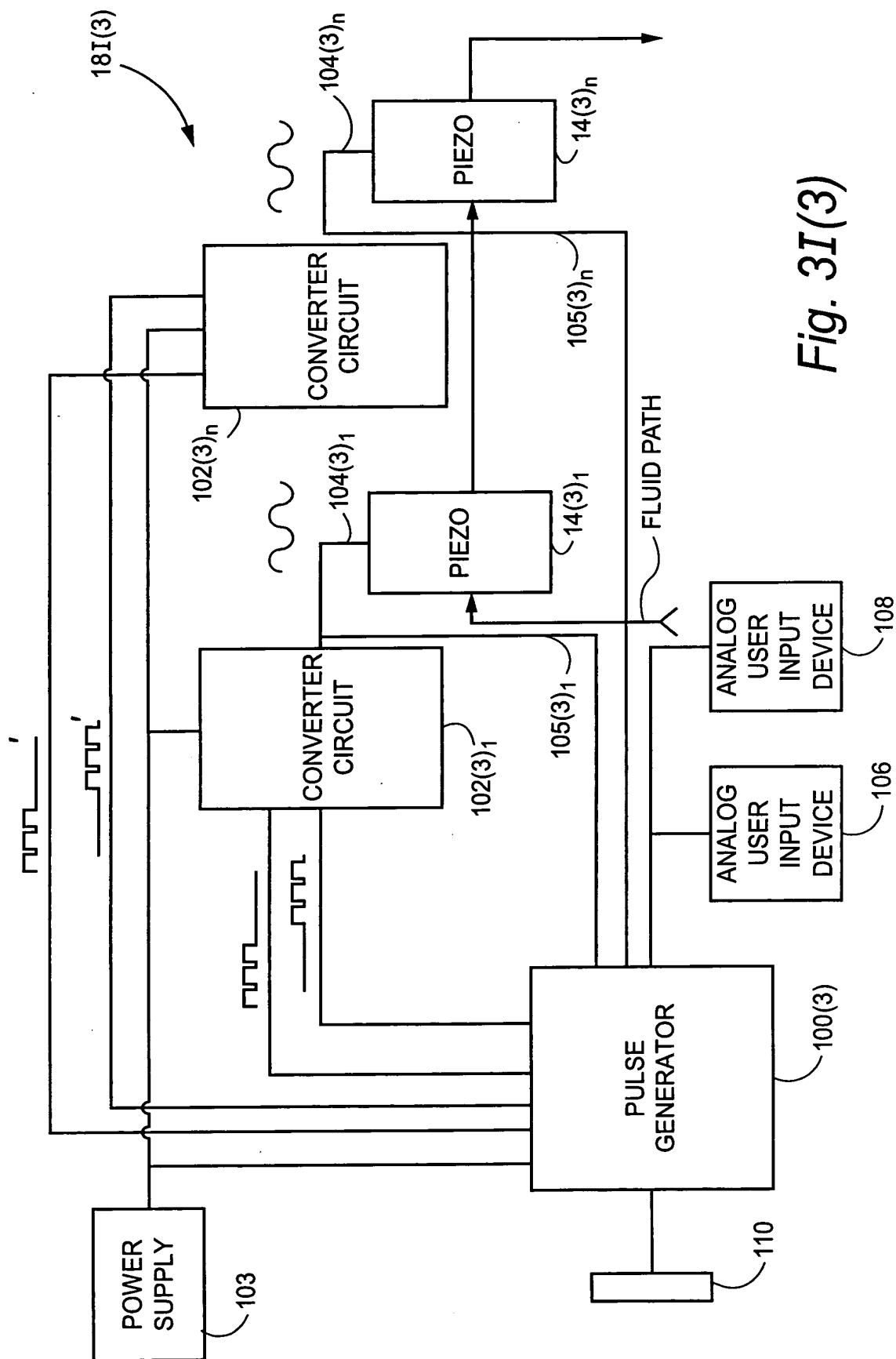


Fig. 3I(3)



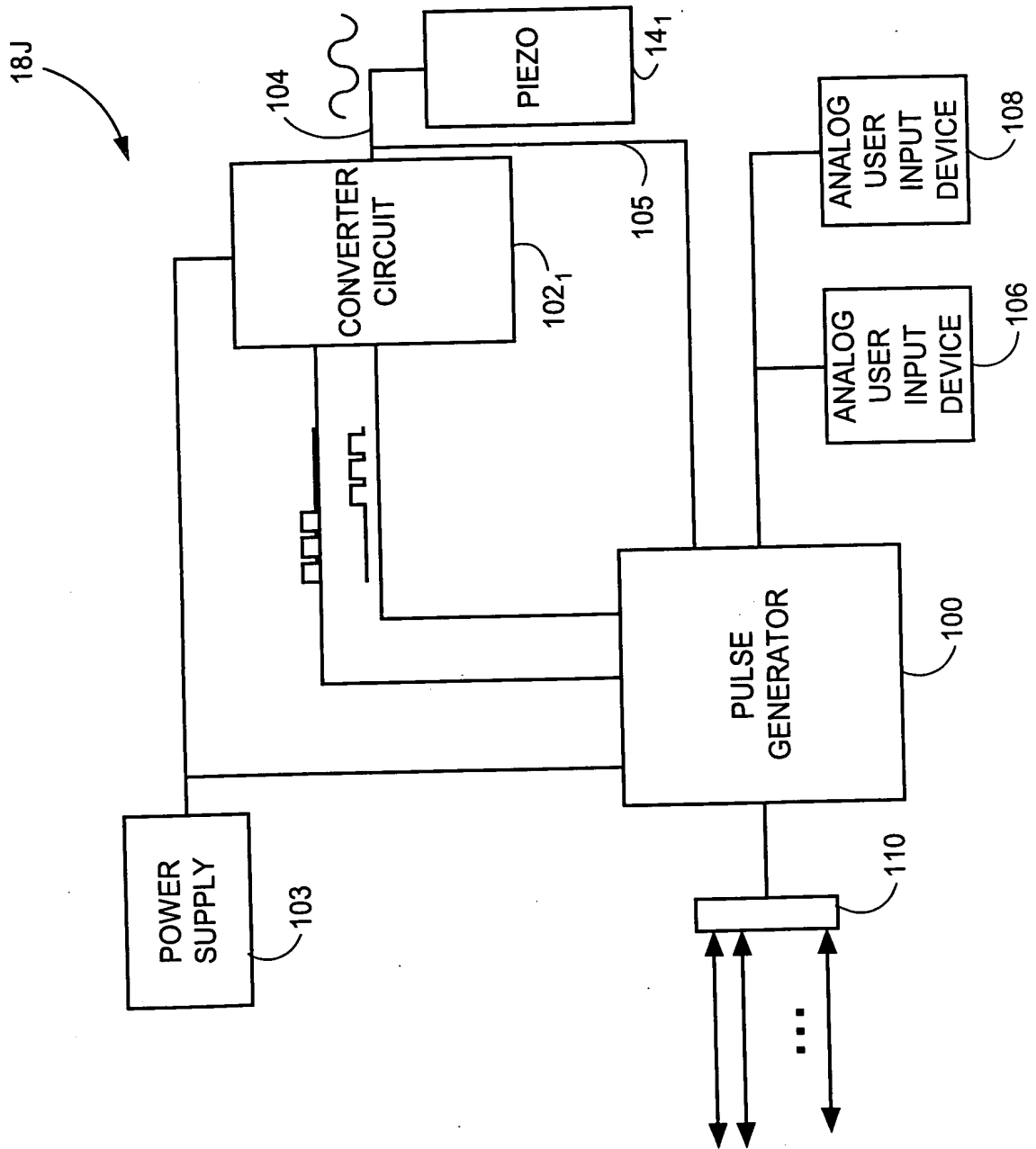
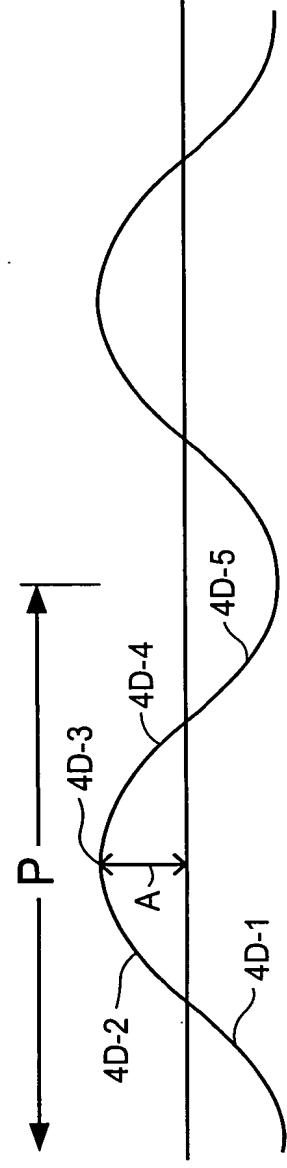
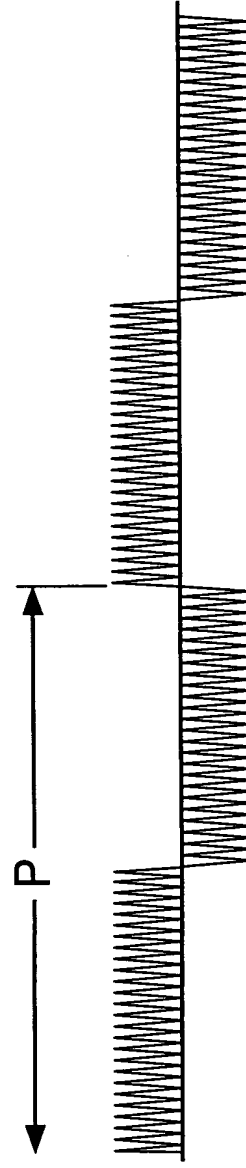
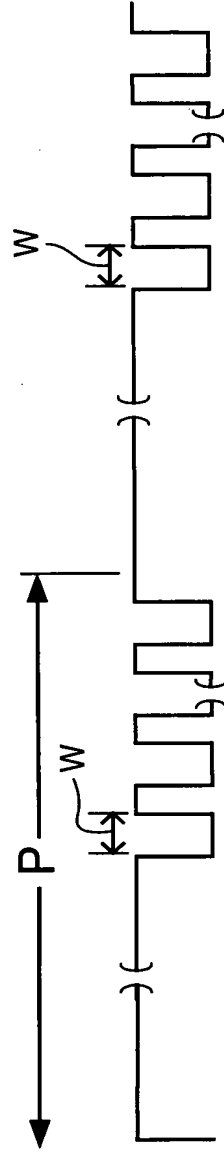
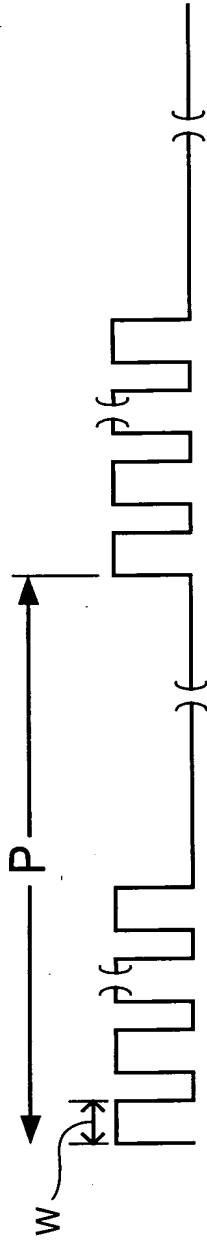
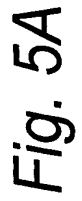


Fig. 3J





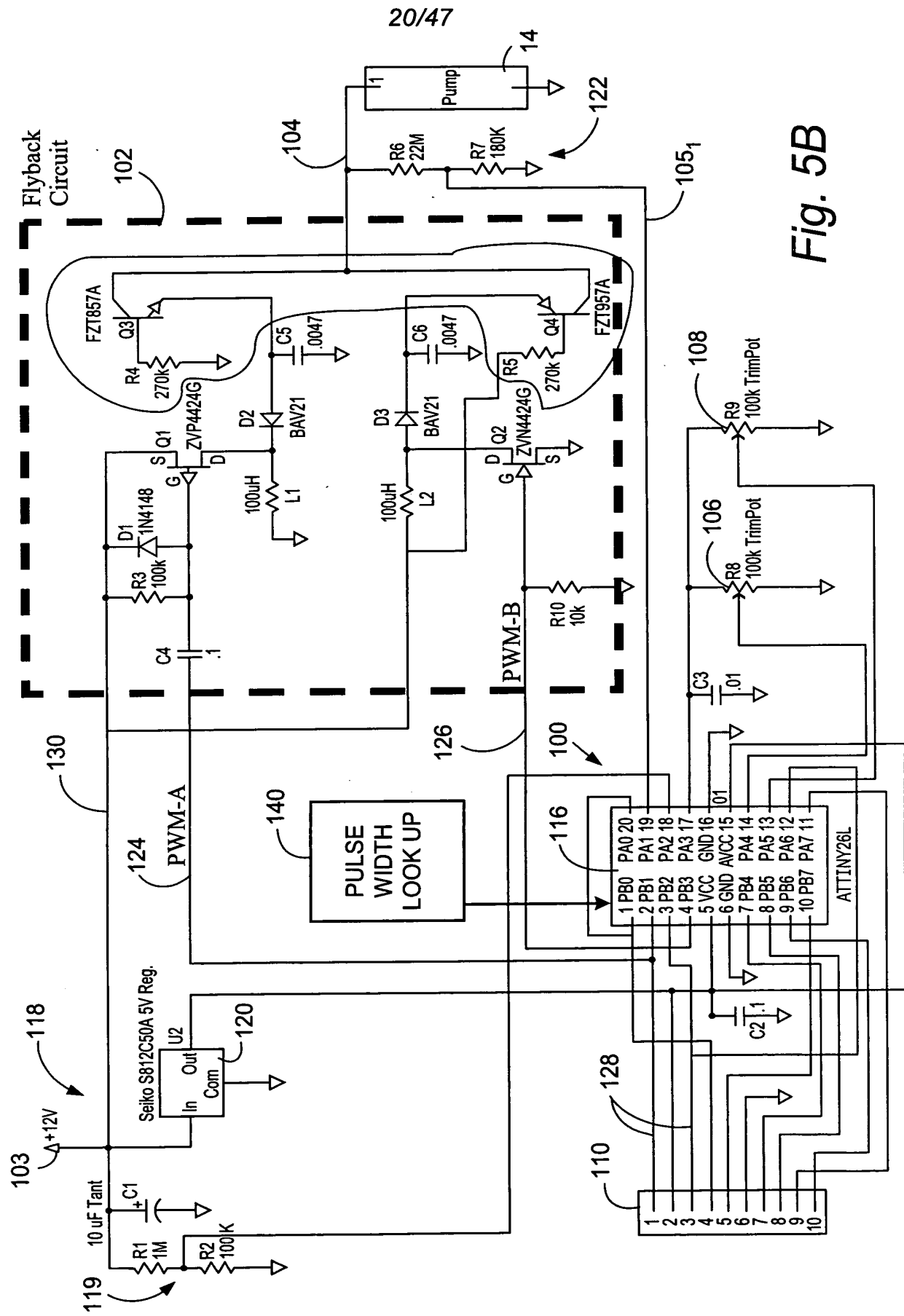


Fig. 5B

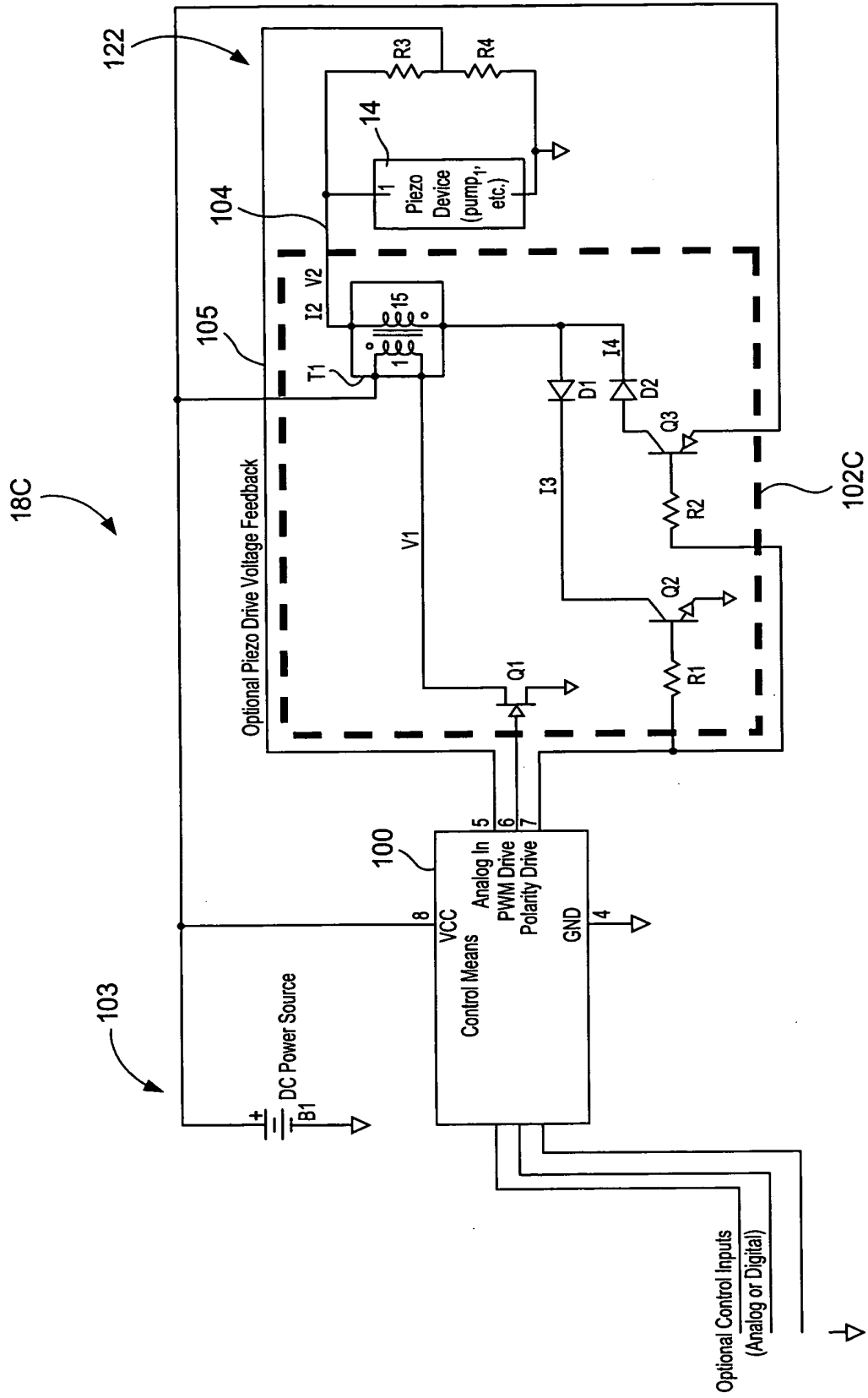


Fig. 5C

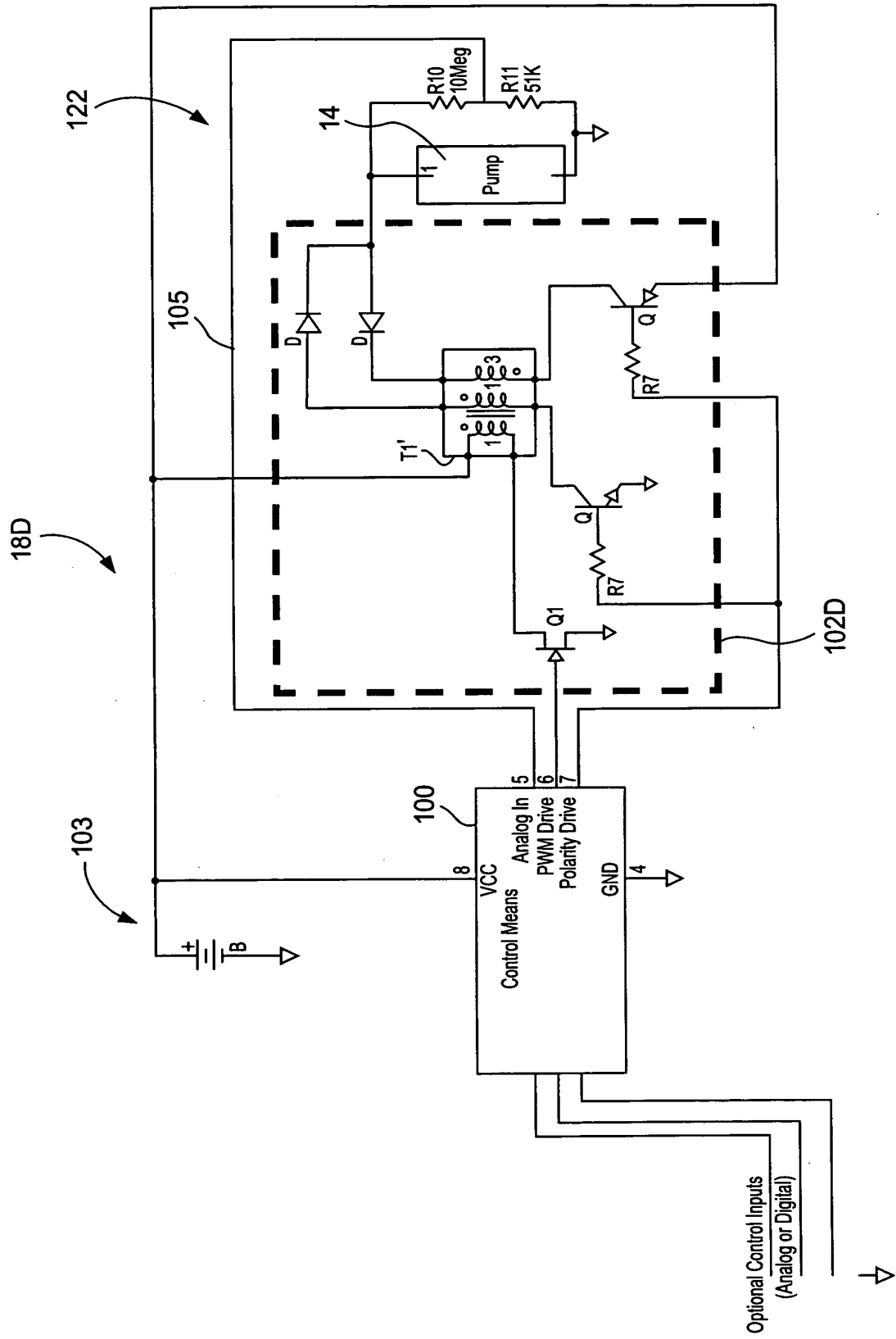
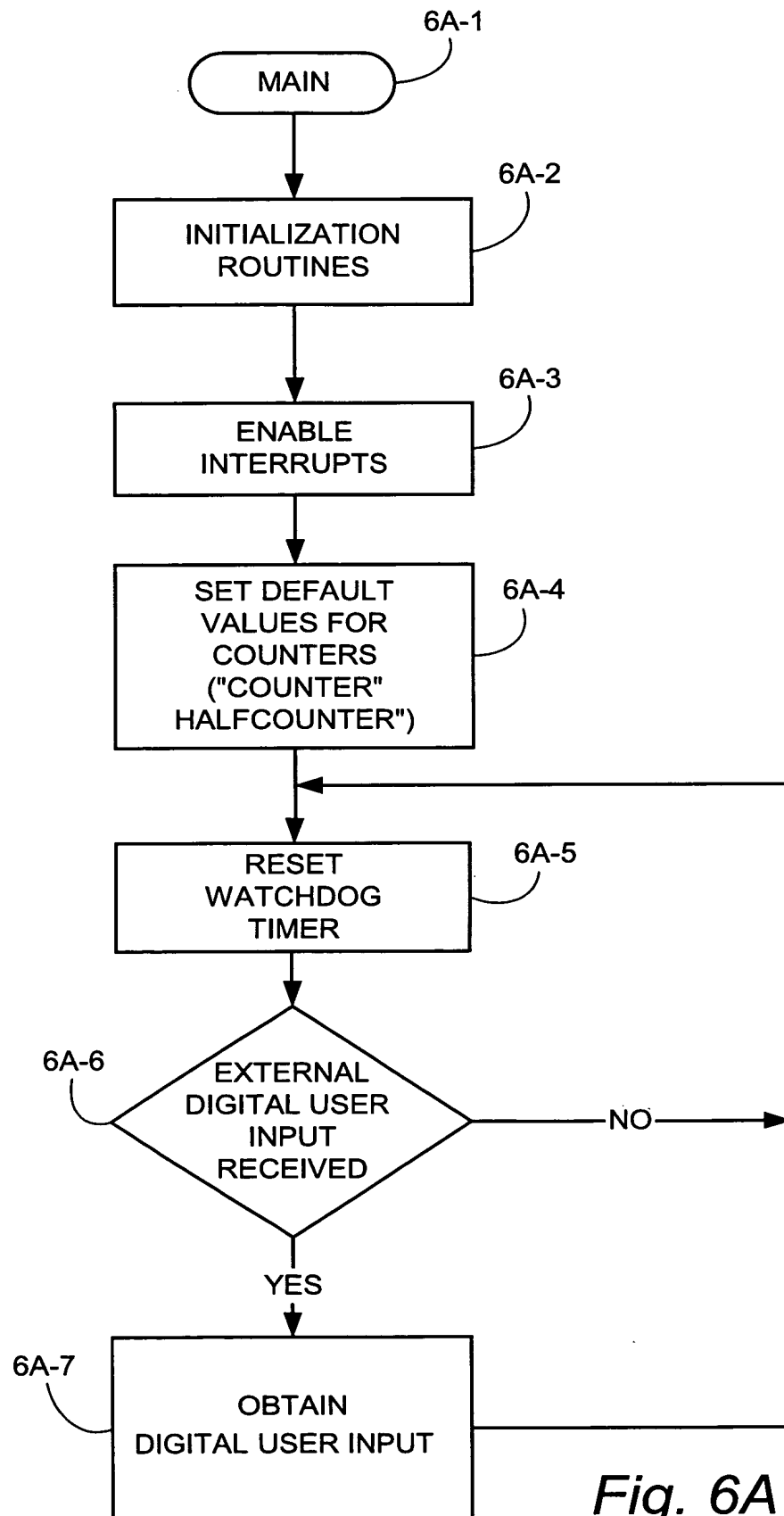


Fig. 5D

*Fig. 6A*

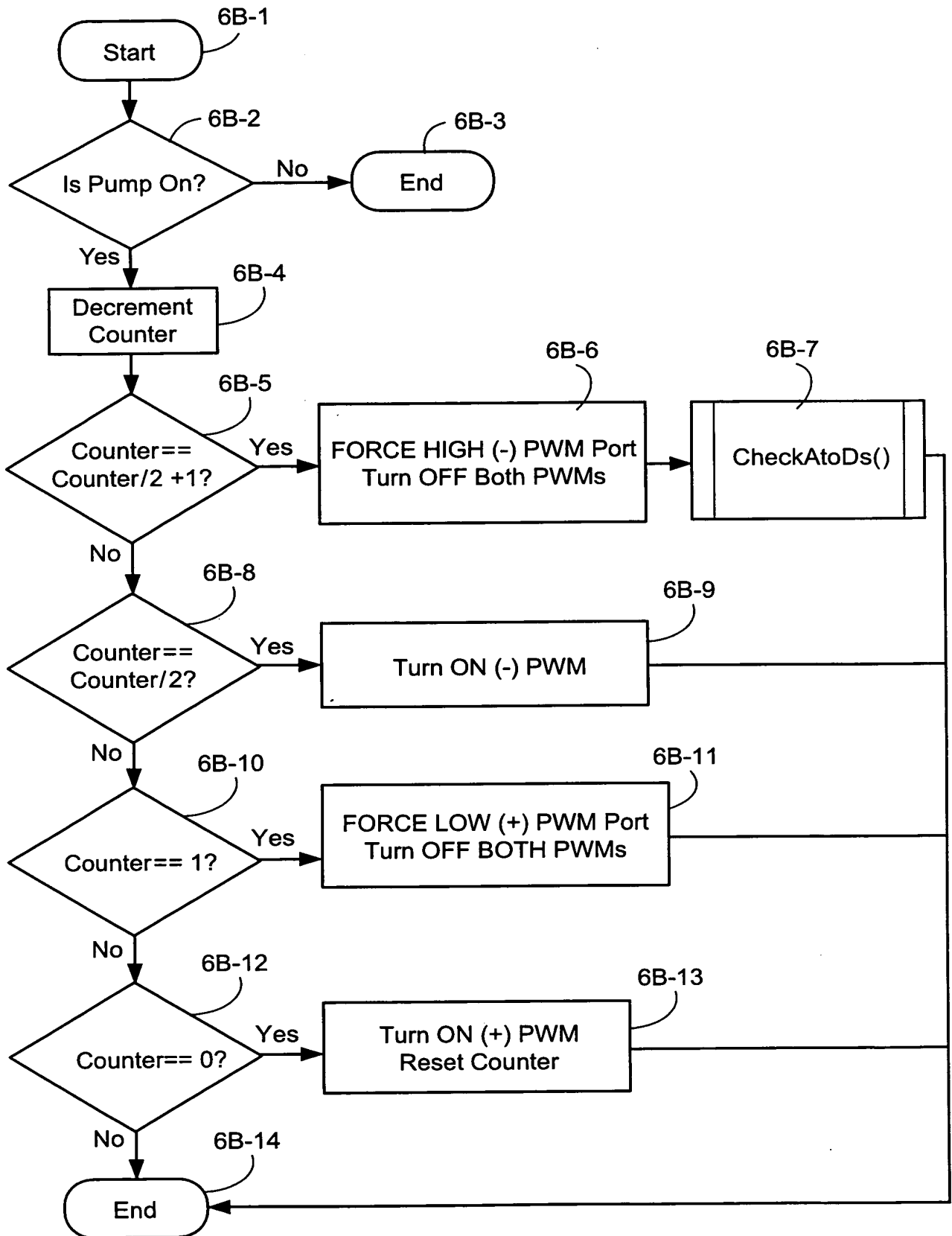


Fig. 6B



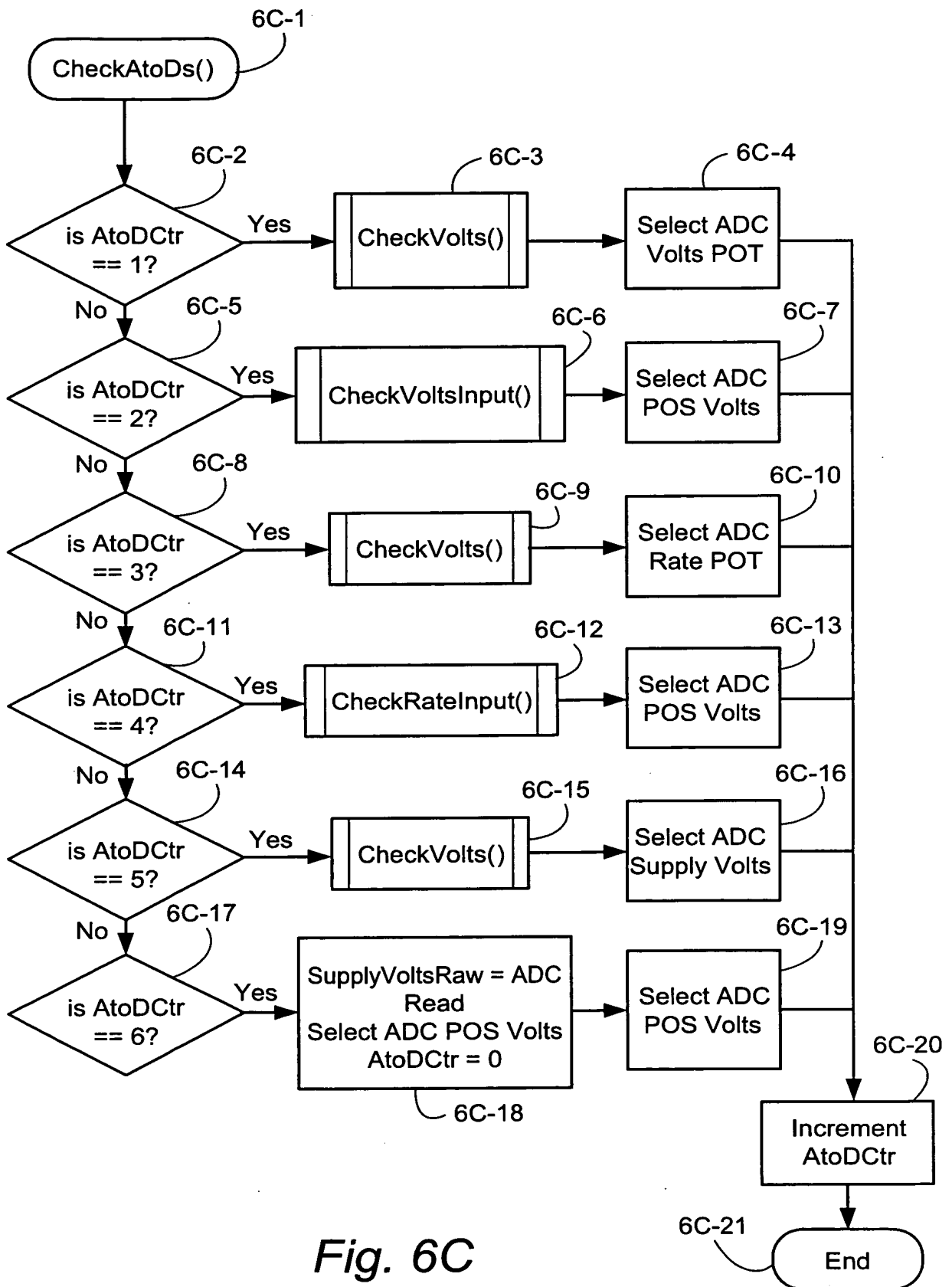
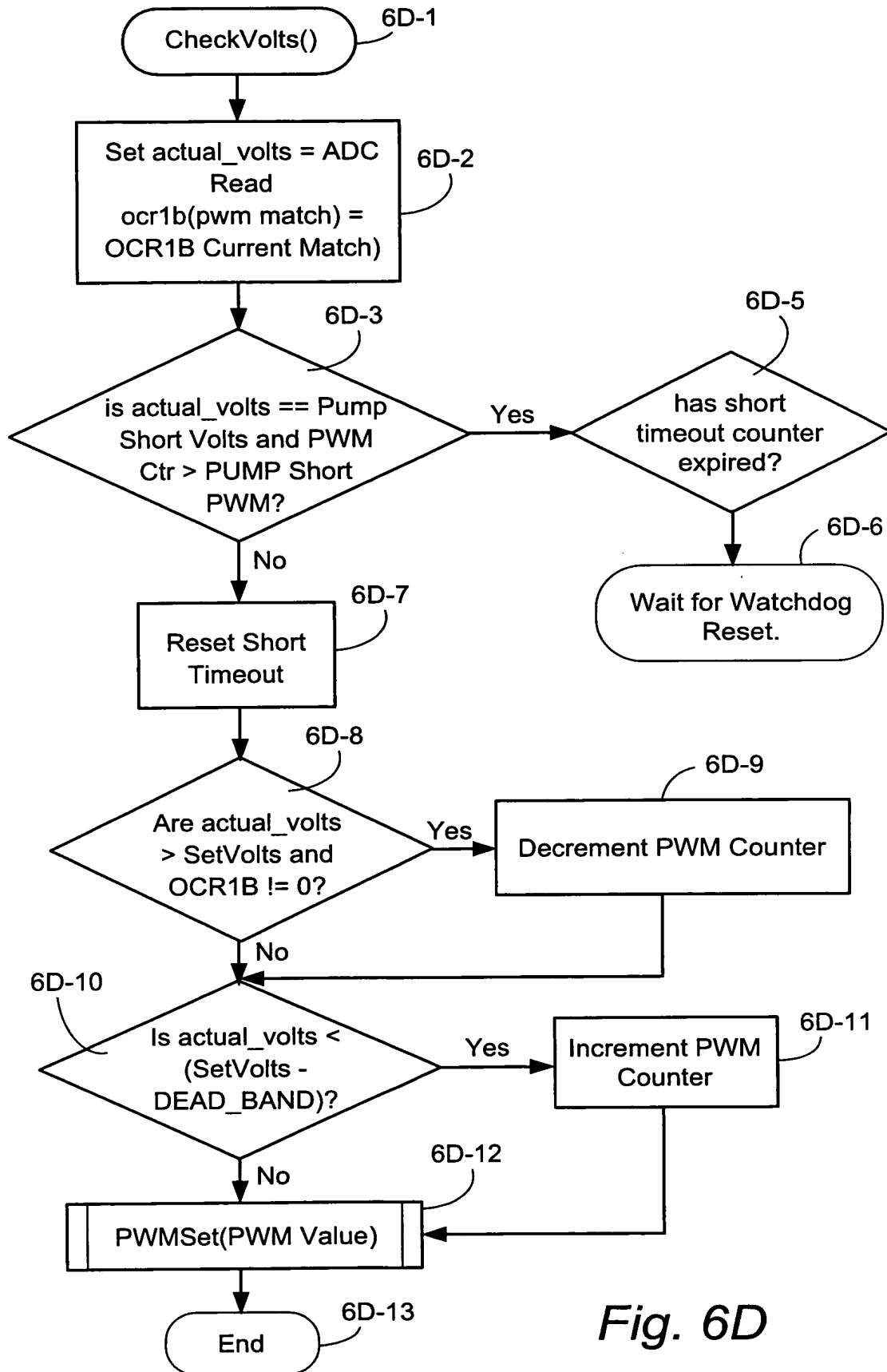
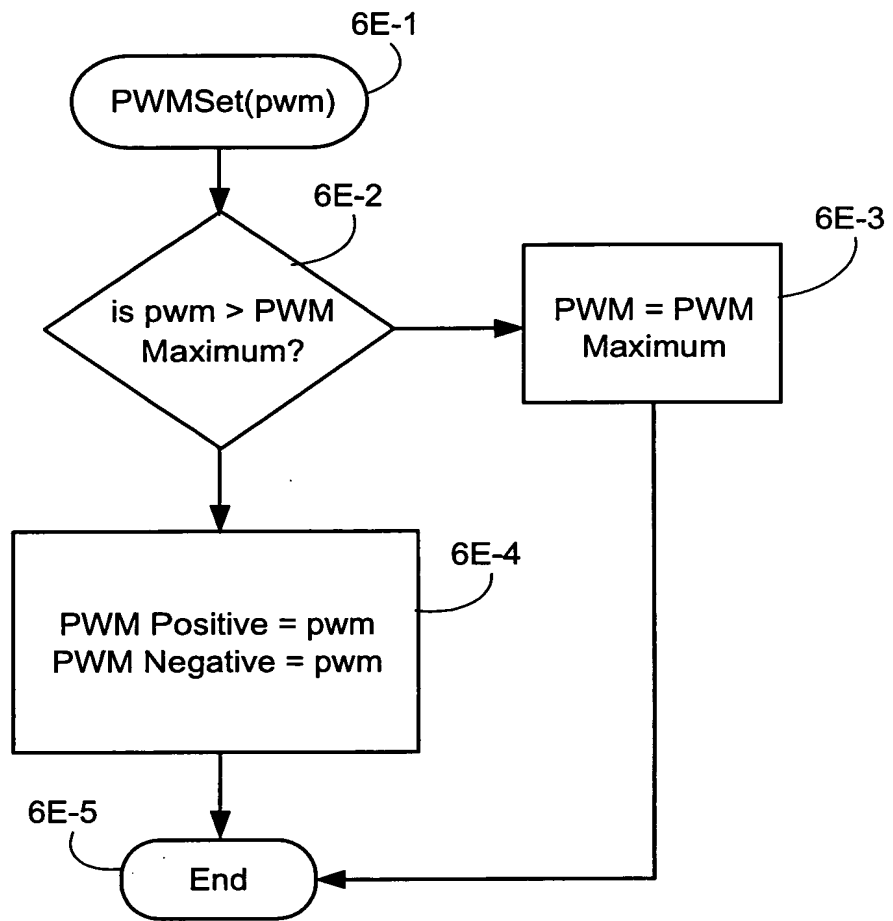
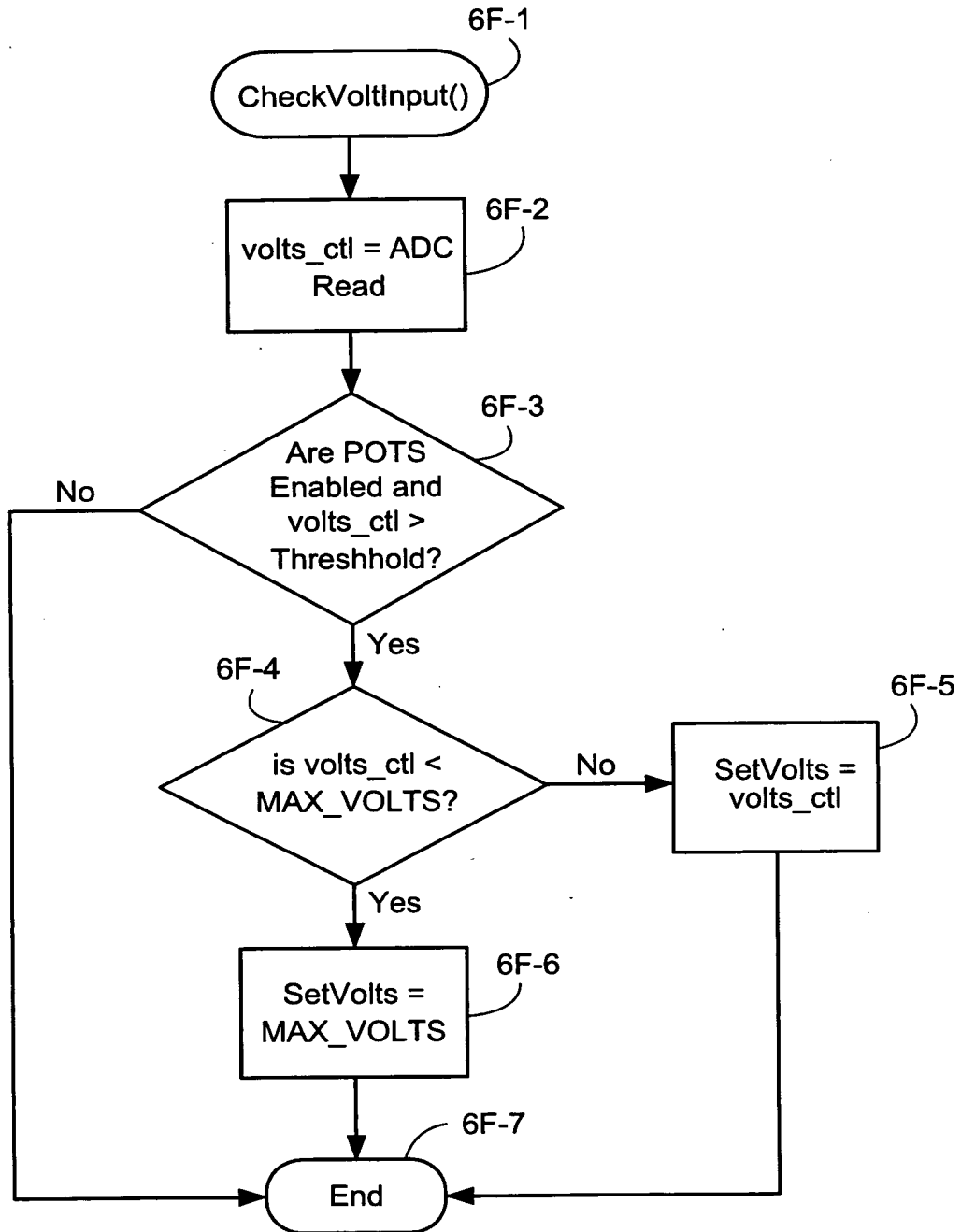
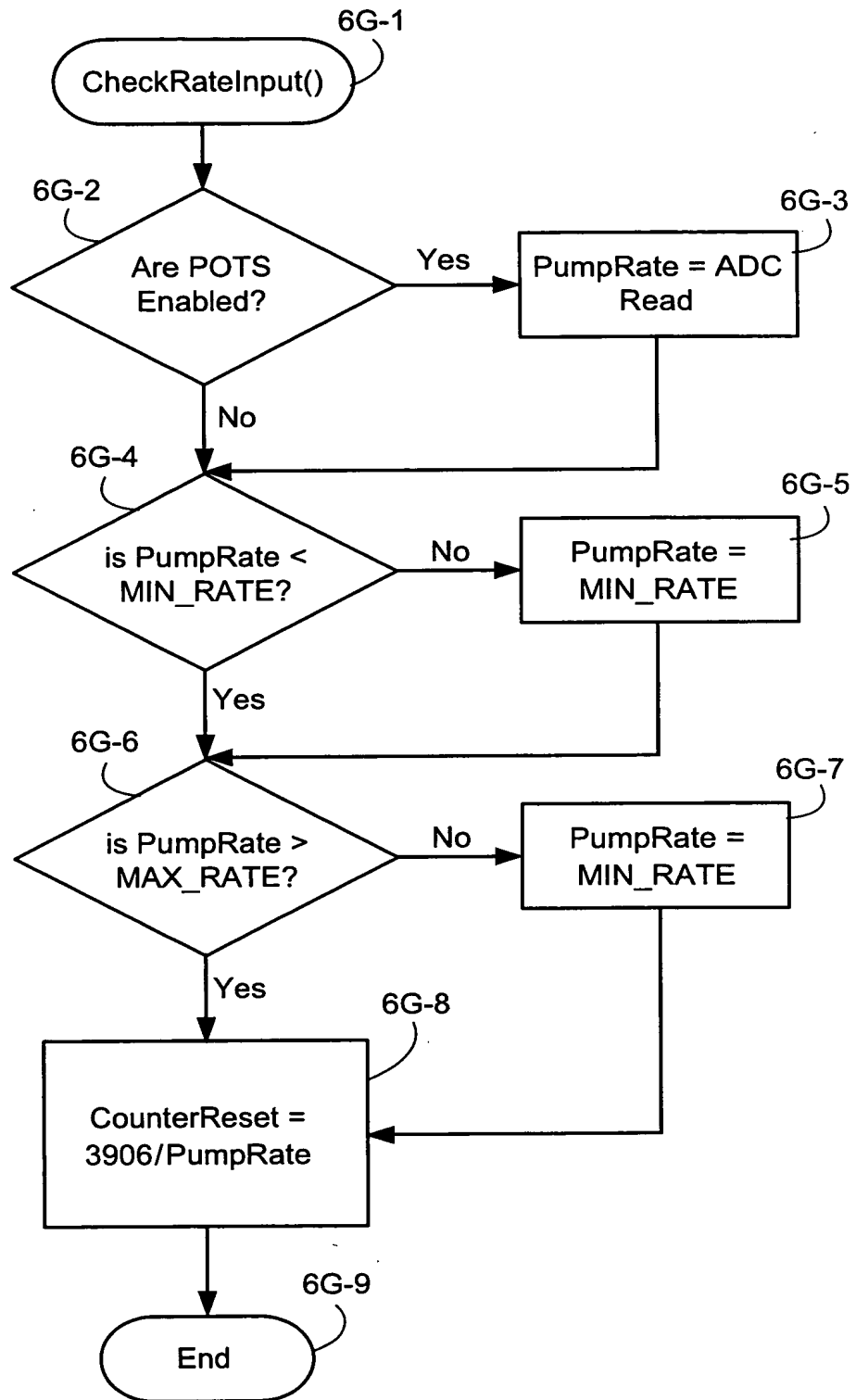


Fig. 6C

*Fig. 6D*

*Fig. 6E*

*Fig. 6F*

*Fig. 6G*

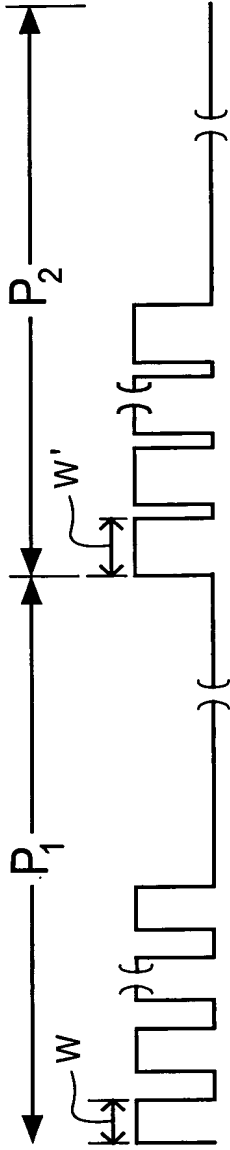


Fig. 7A

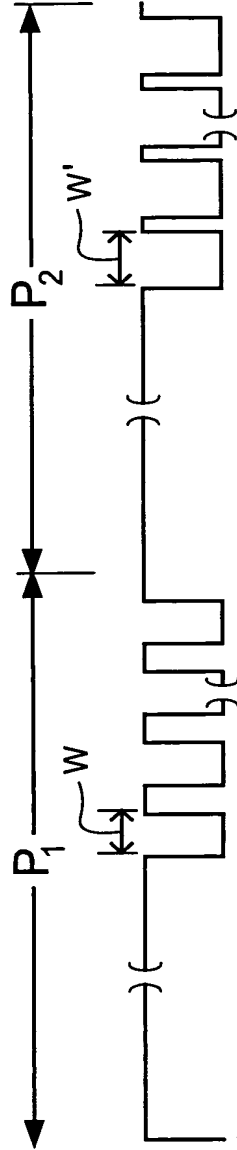


Fig. 7B

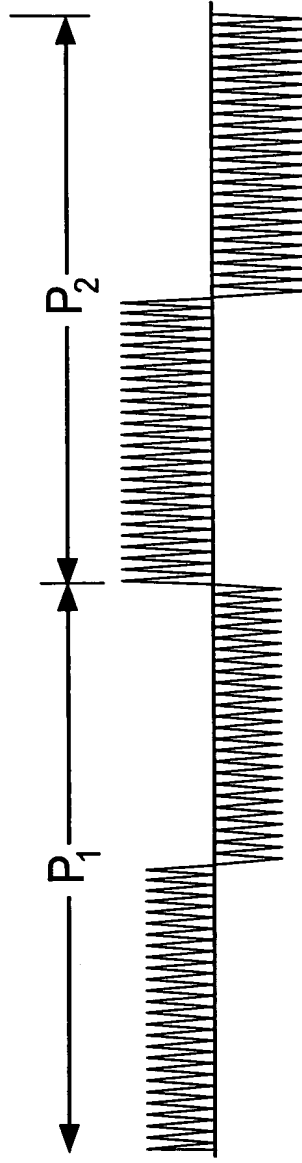


Fig. 7C

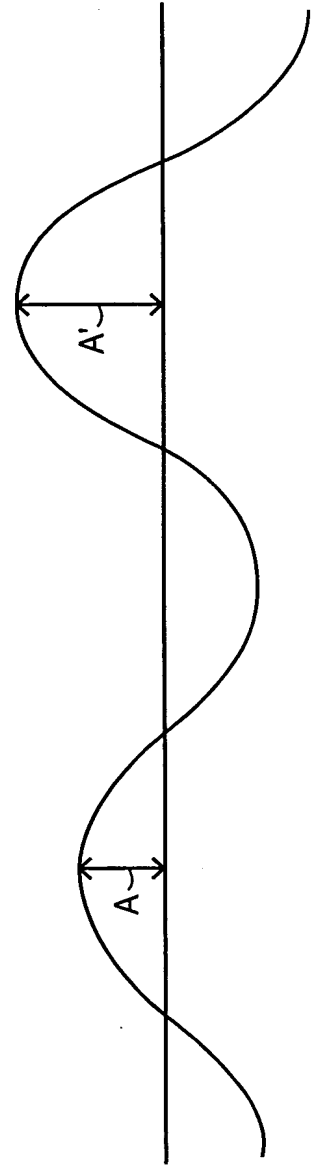


Fig. 7D

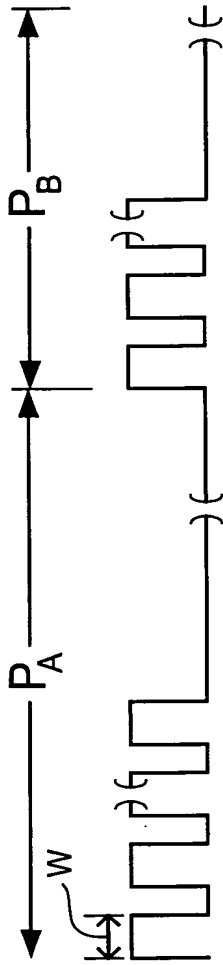


Fig. 8A

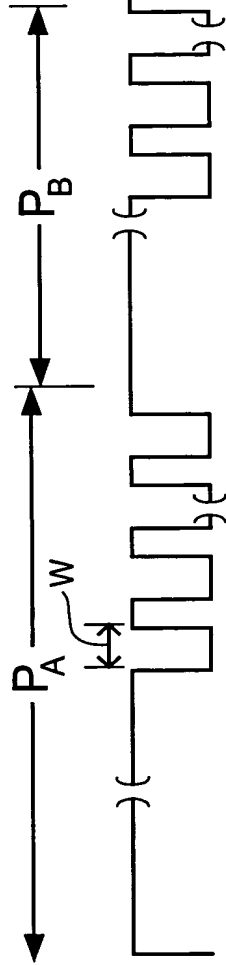


Fig. 8B

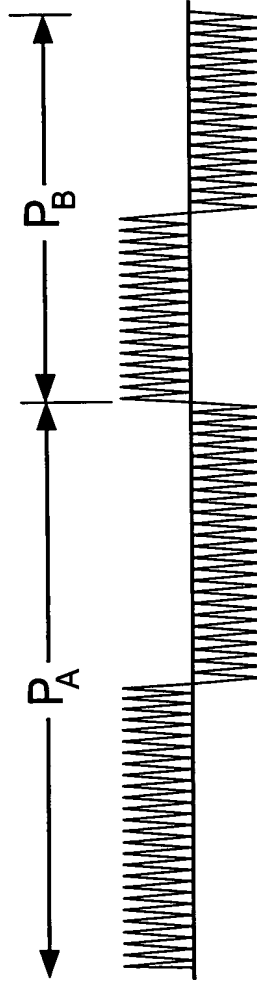


Fig. 8C

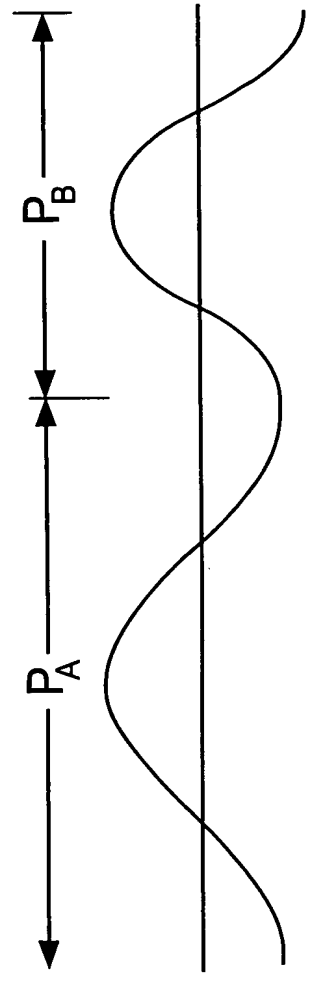
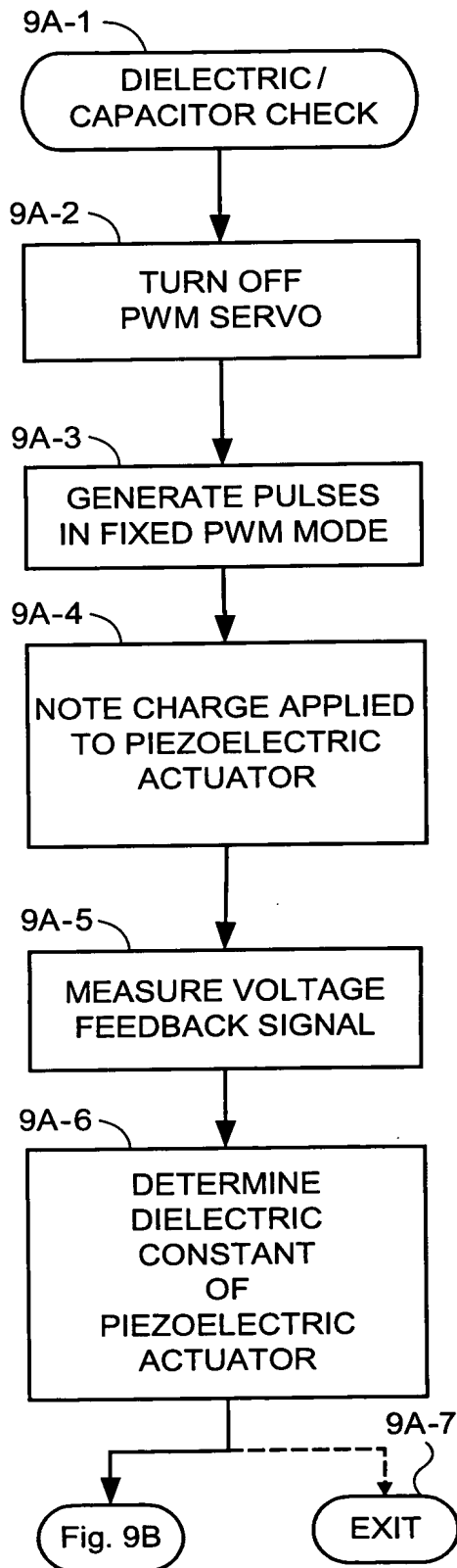
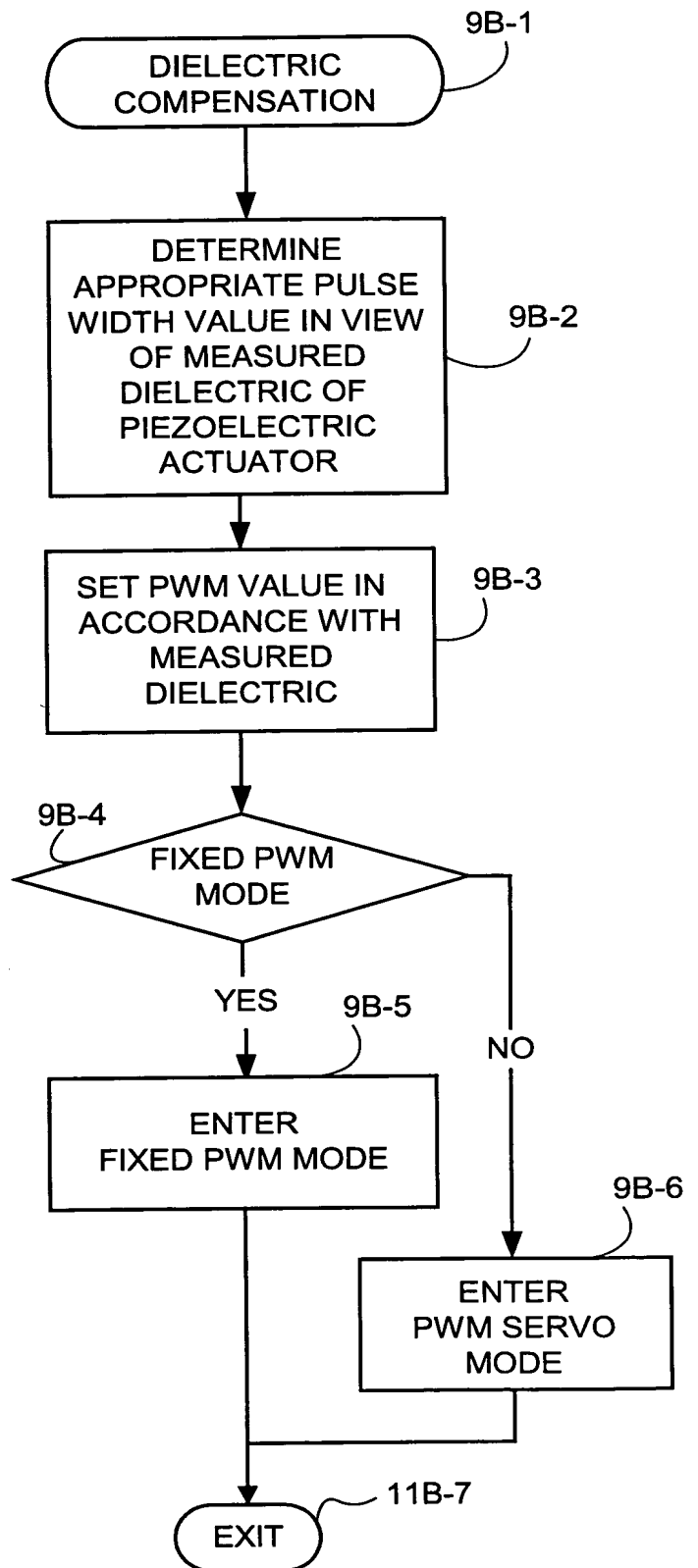


Fig. 8D

*Fig. 9A**Fig. 9B*



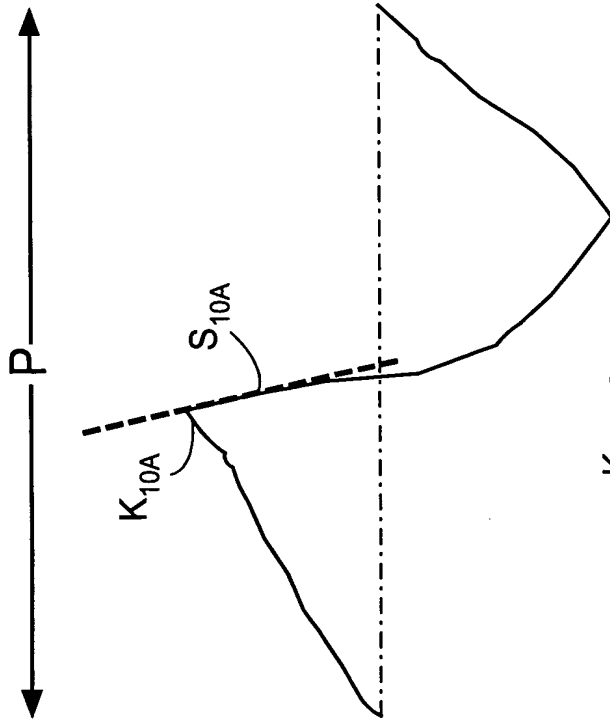


Fig. 10A

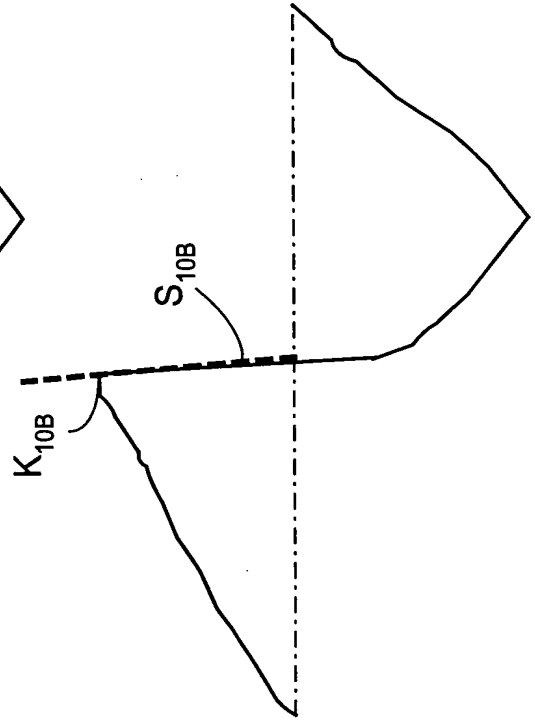
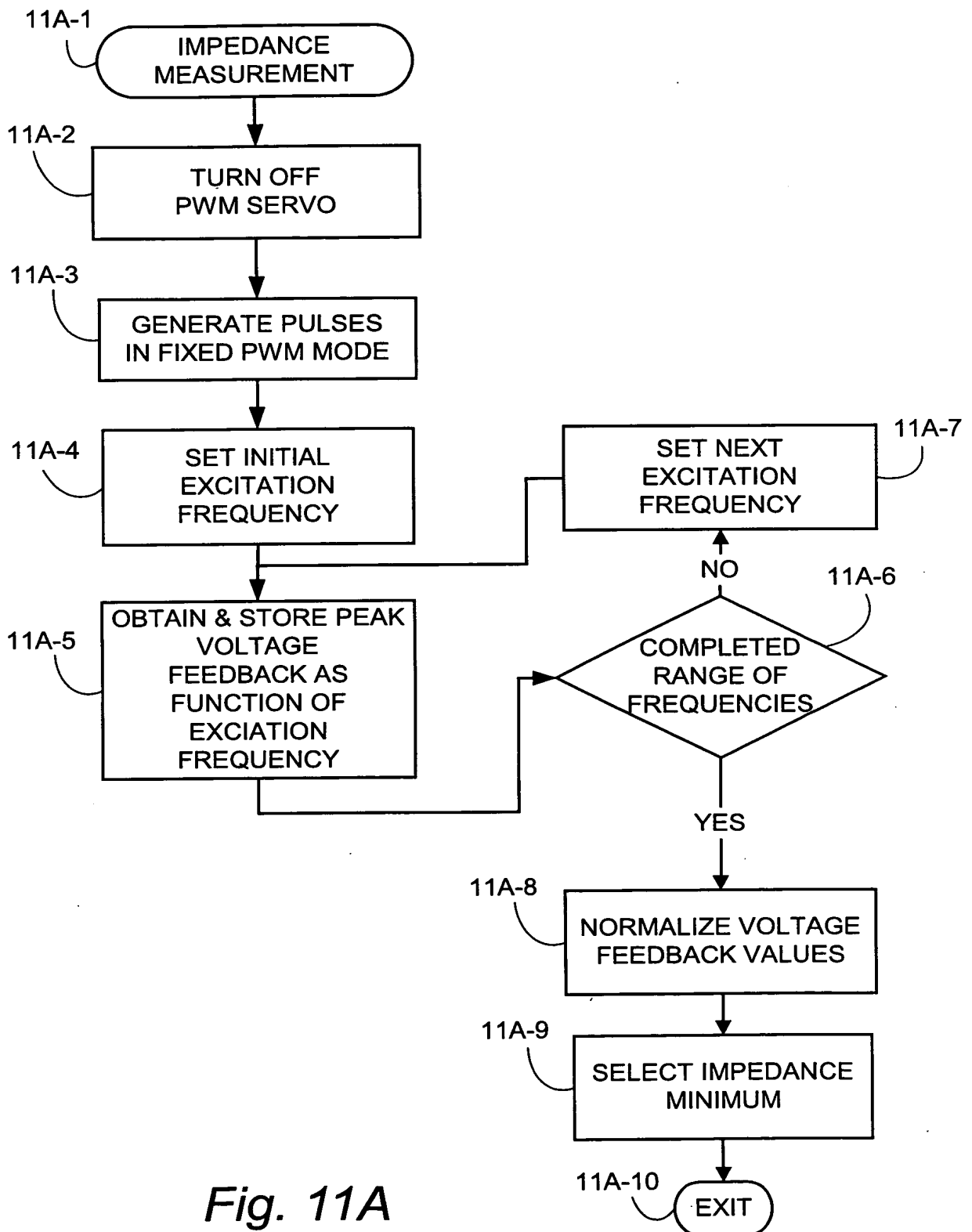
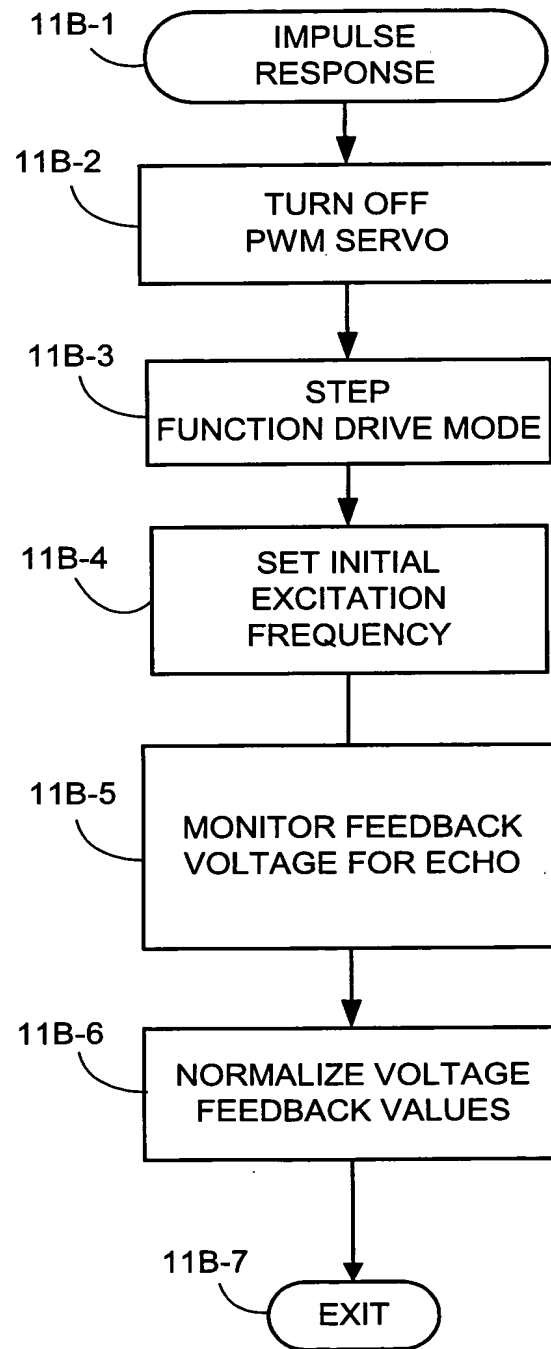


Fig. 10B

*Fig. 11A*

*Fig. 11B*

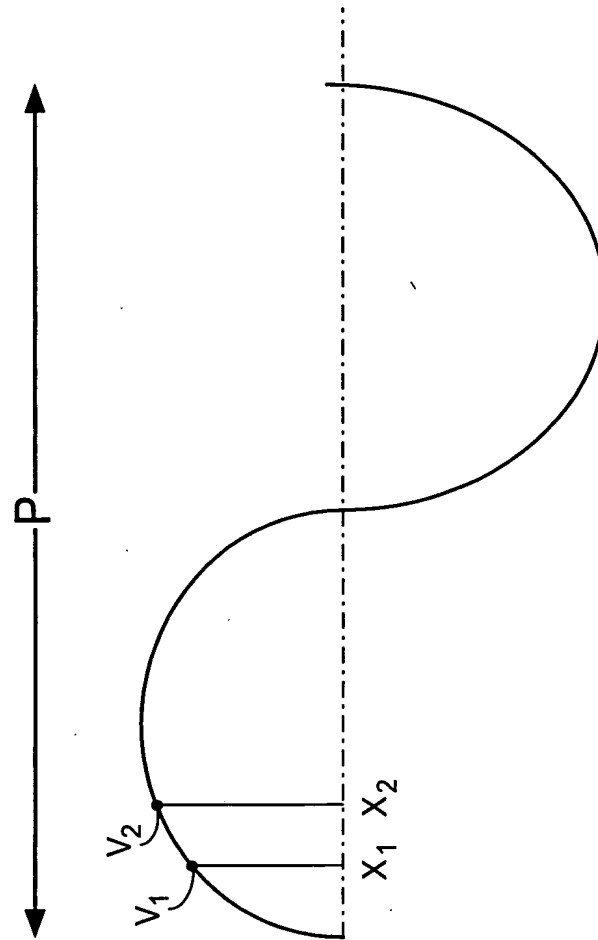
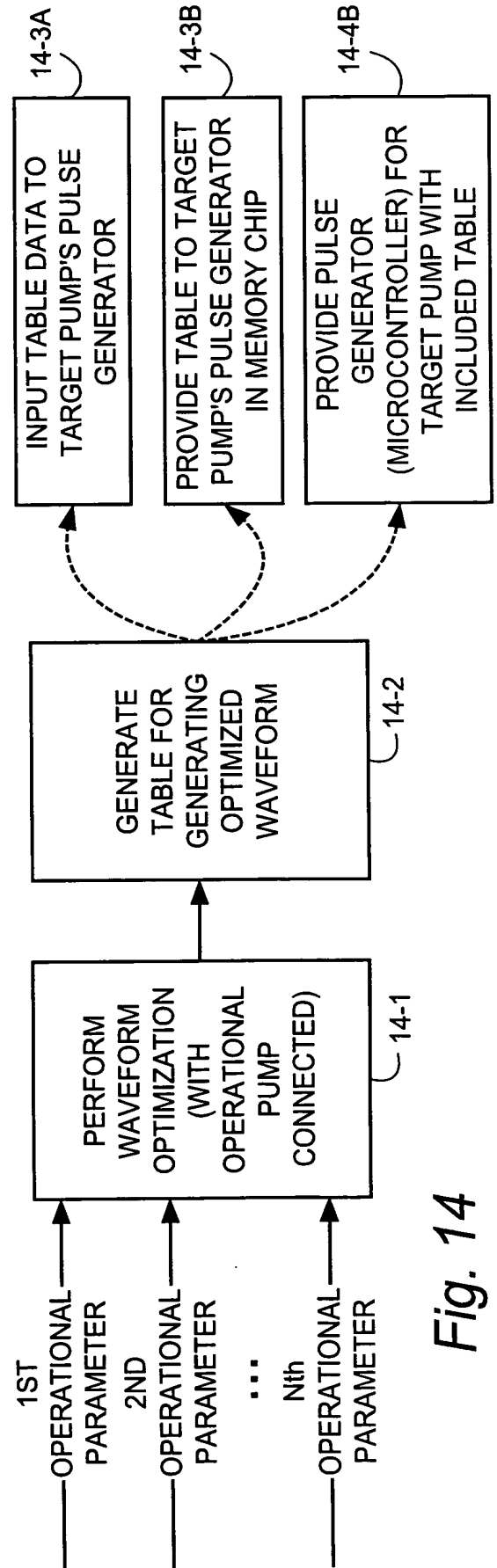
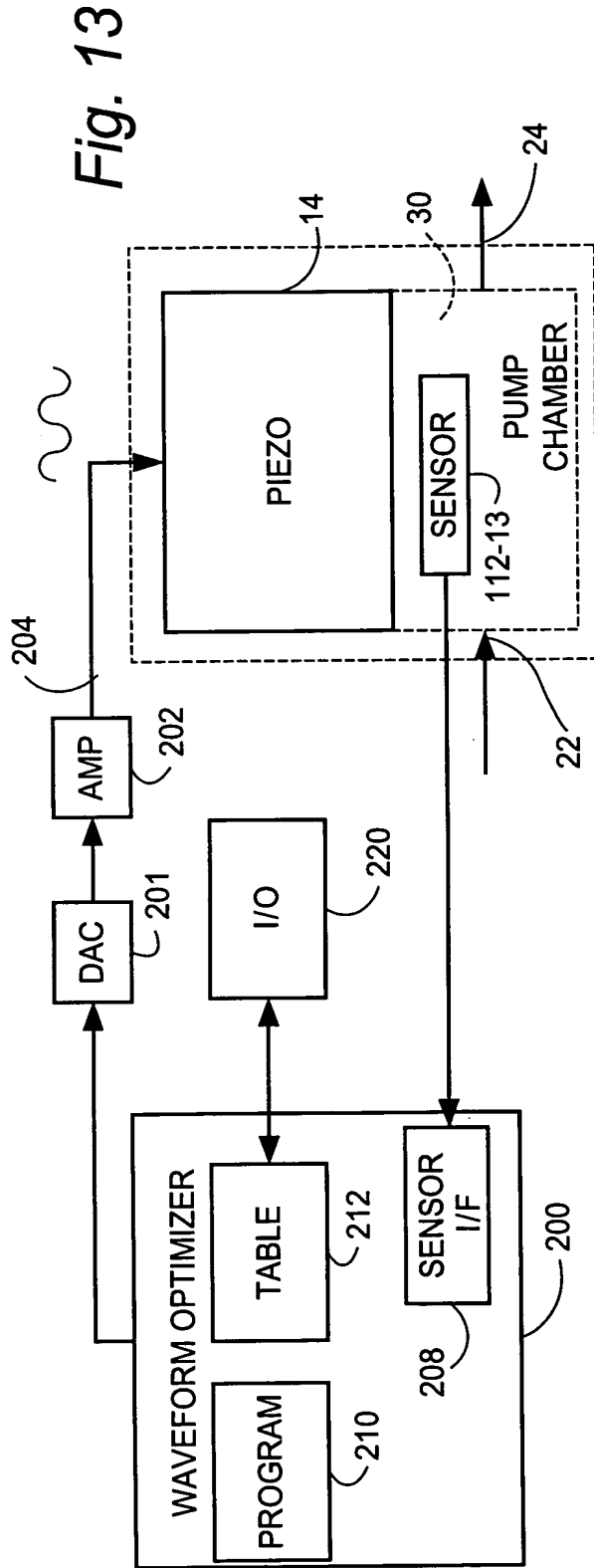


Fig. 12



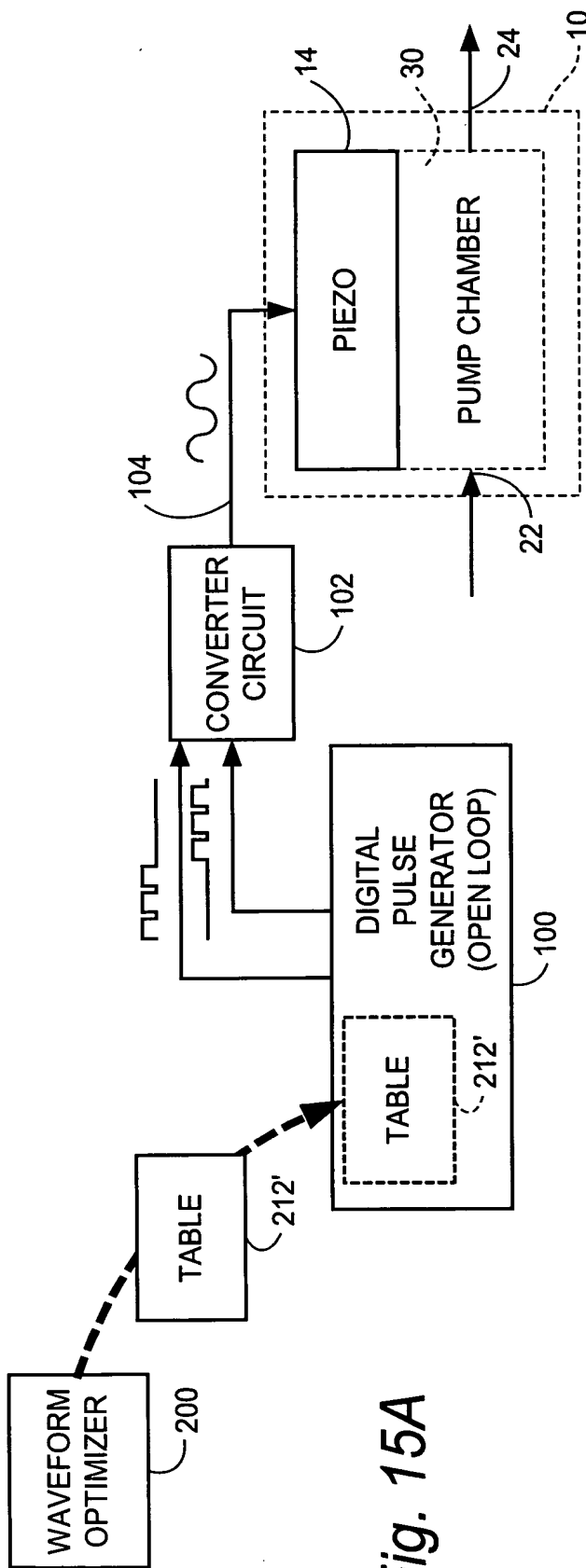


Fig. 15A

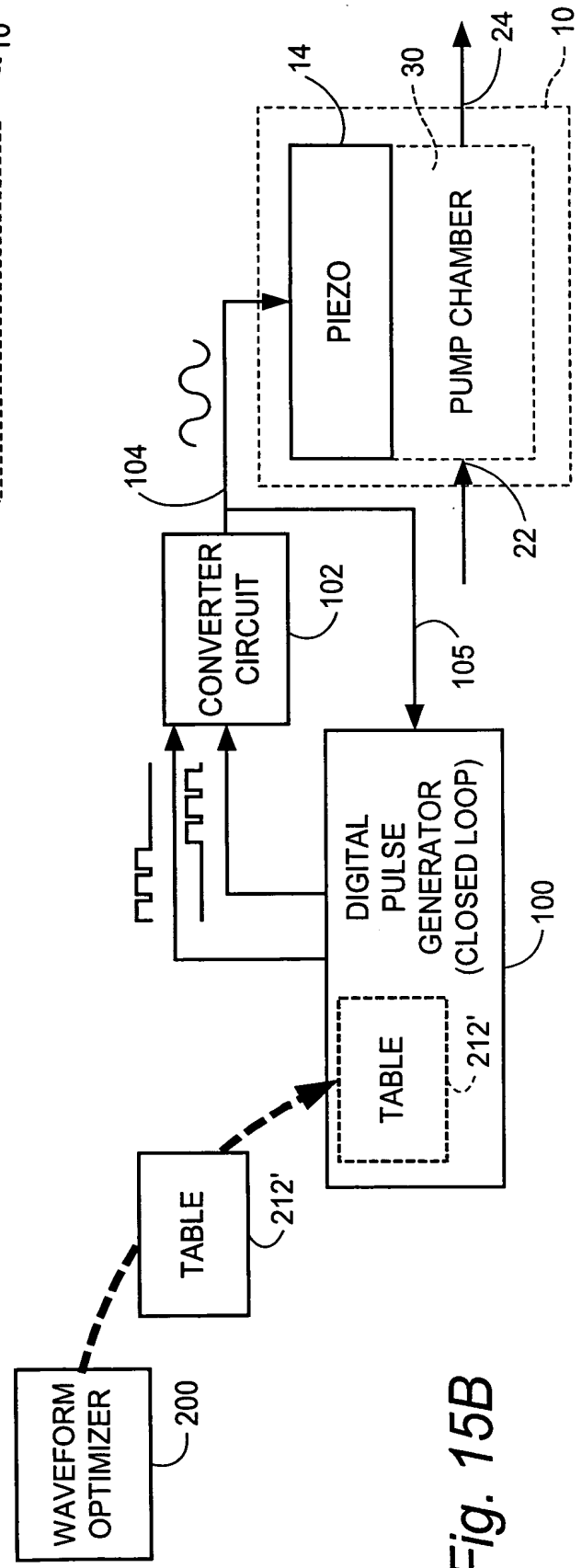
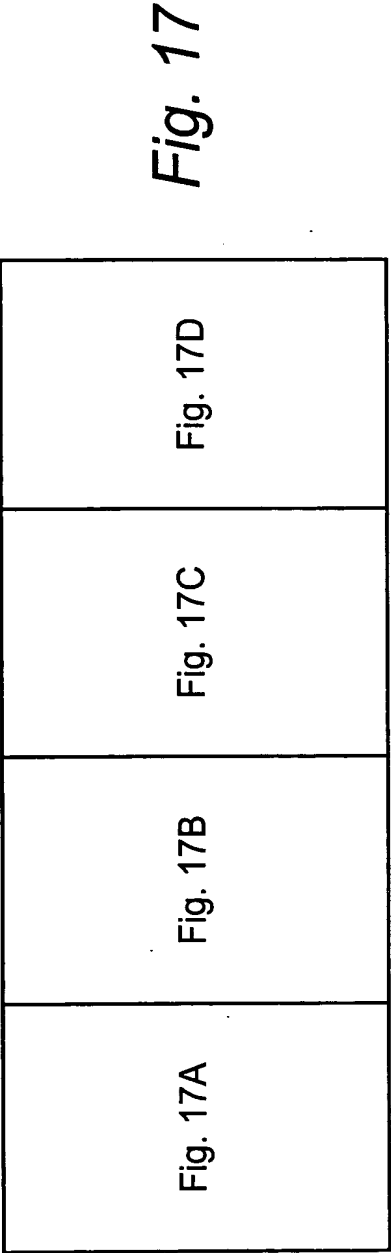
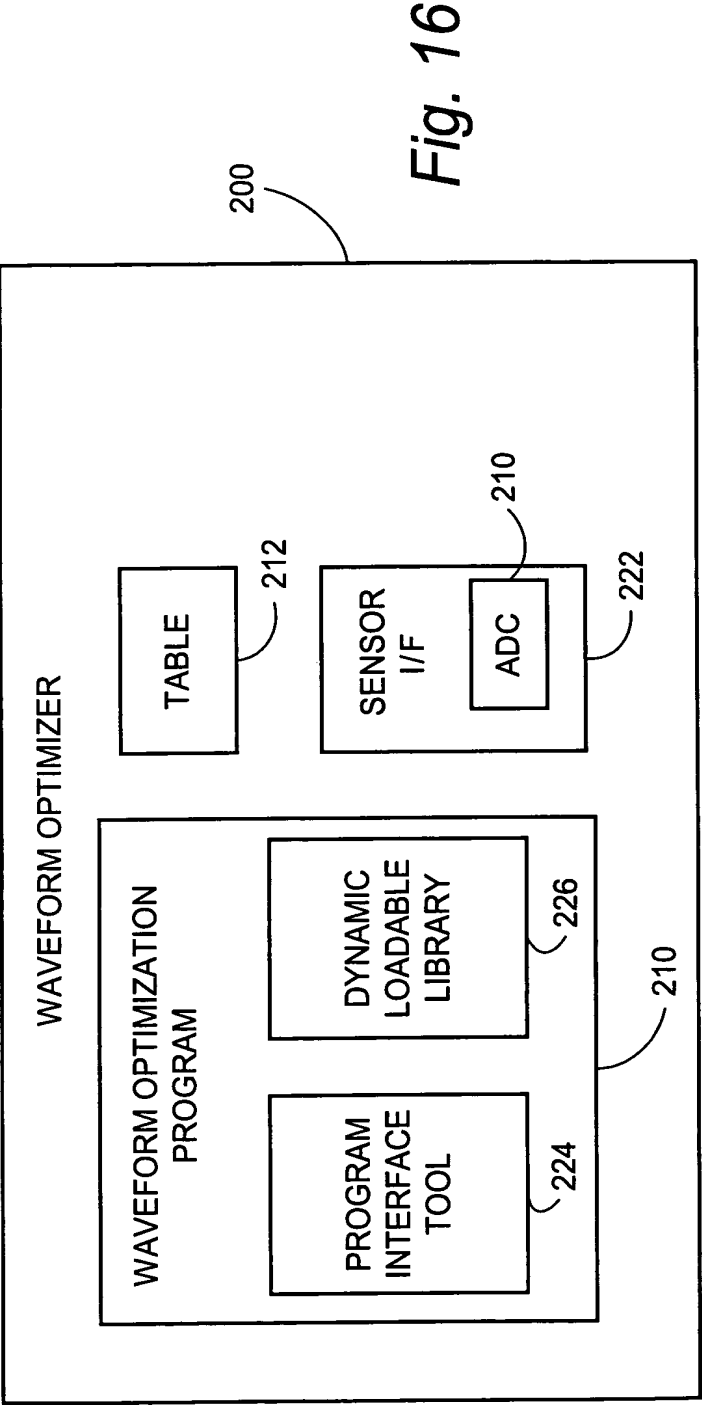


Fig. 15B



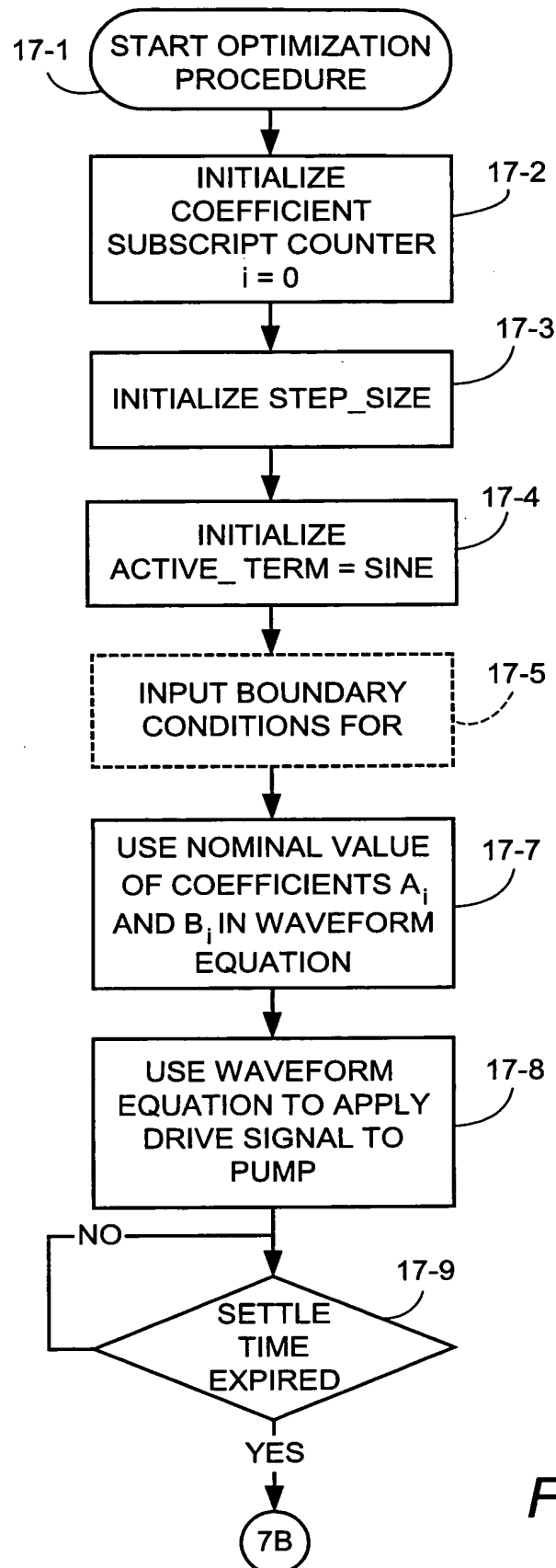


Fig. 17A



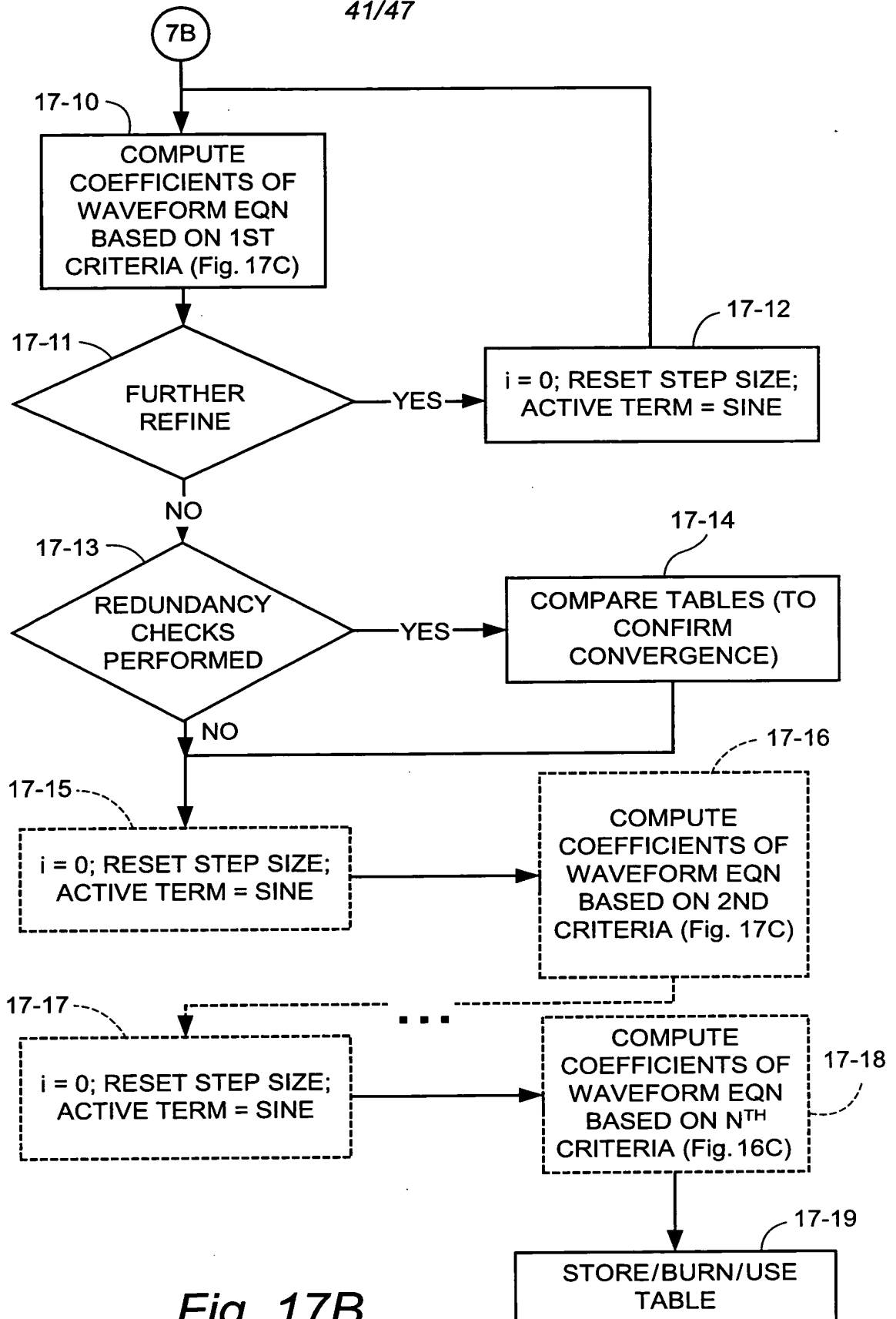
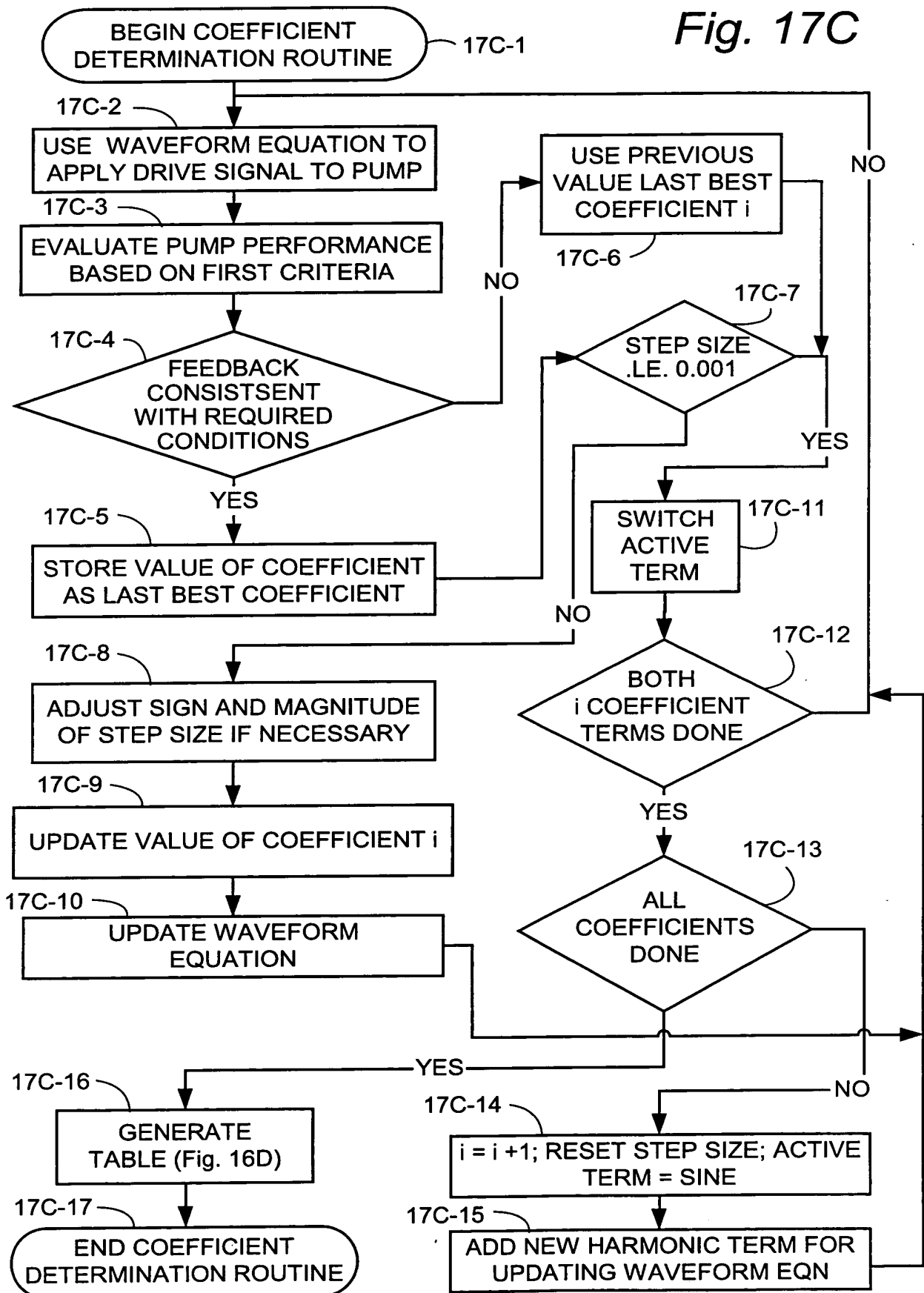


Fig. 17B

Fig. 17C



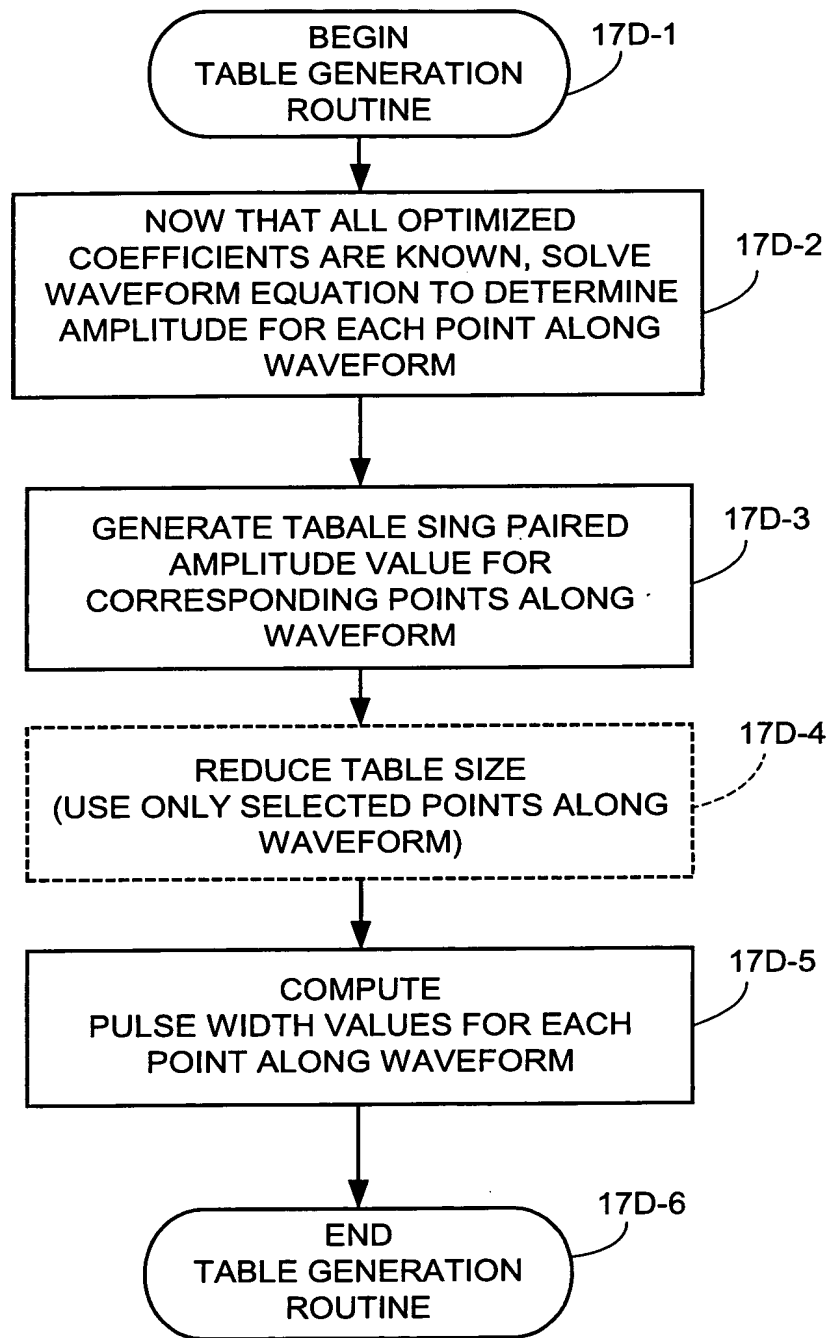
*Fig. 17D*

Fig. 18A

OPTIMIZED WAVEFORM TABLE	
WAVEFORM POINTS	AMPLITUDE (SOLUTION OF WAVEFORM EQUATION AT POINT)
$X_1$	$V_{x1}$
$X_2$	$V_{x2}$
■ ■ ■	
$X_J$	$V_{xJ}$

140-18A

Fig. 18B

OPTIMIZED WAVEFORM TABLE		
WAVEFORM POINTS	AMPLITUDE (SOLUTION OF WAVEFORM EQUATION AT POINT)	PULSE WIDTH MODULATION VALUE FOR POINT
$X_1$	$V_{x1}$	$PWM_{x1}$
$X_2$	$V_{x2}$	$PWM_{x2}$
$X_J$	$V_{xJ}$	$PWM_{xJ}$

140-18B

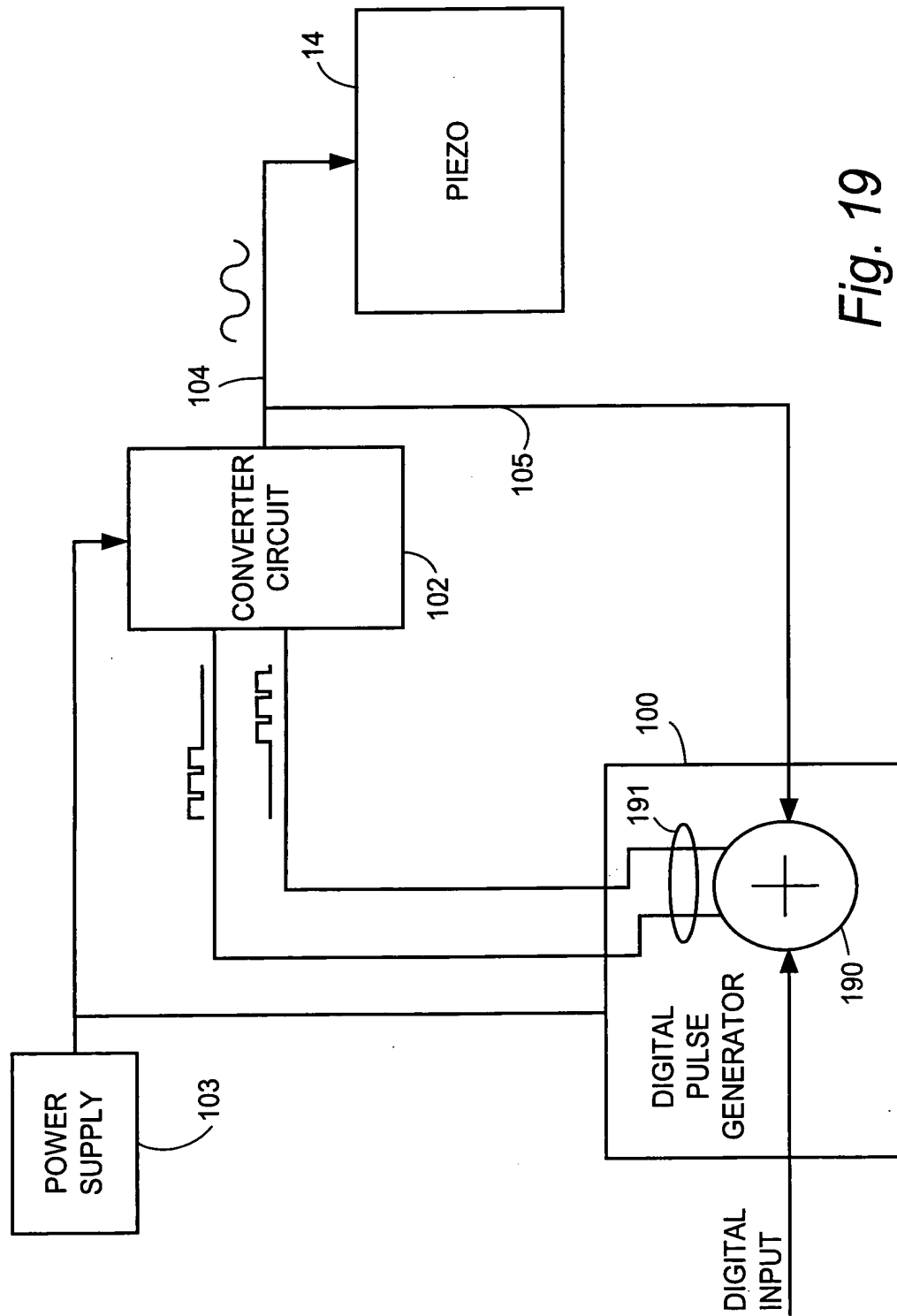


Fig. 19

Fig. 20A

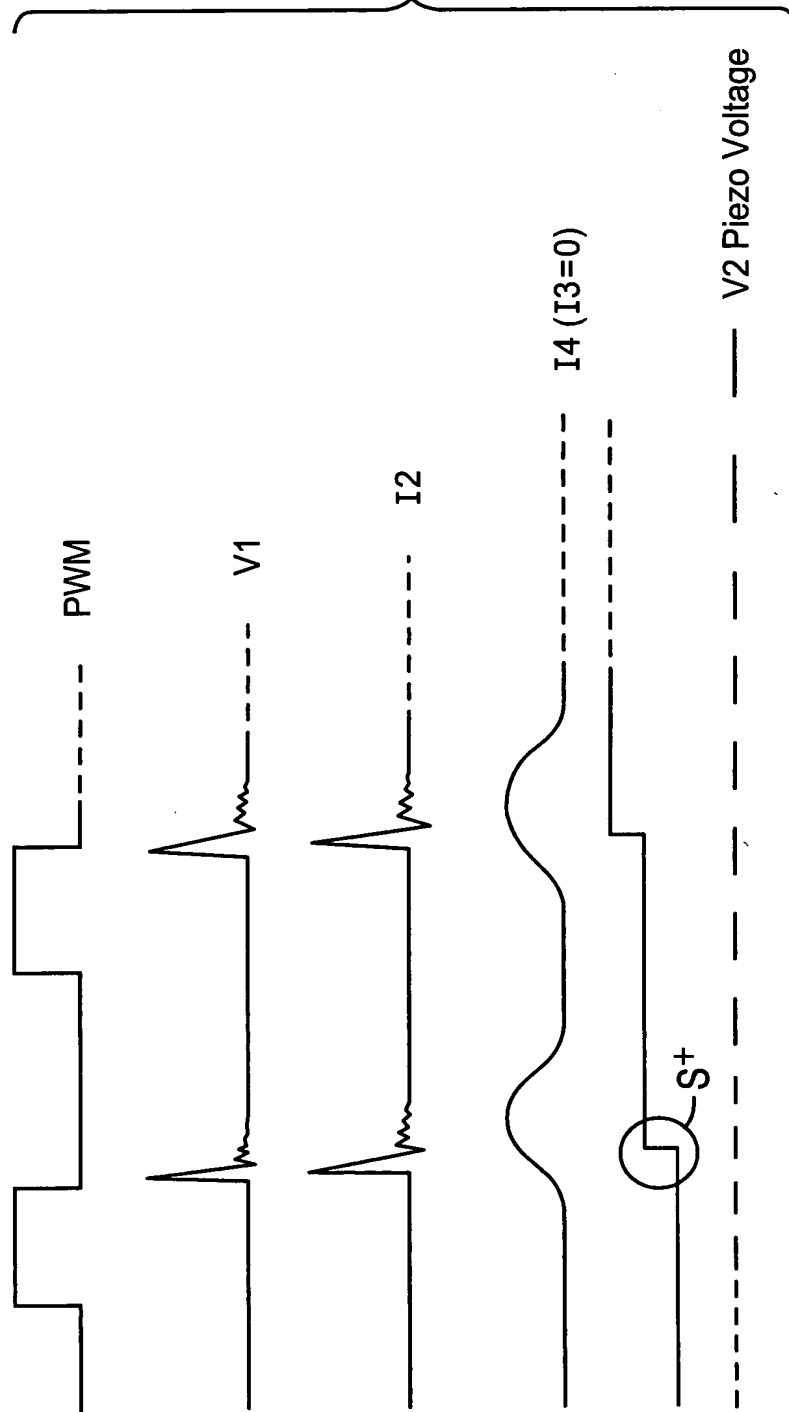


Fig. 20B

